Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas - Also Maryland, New Jersey and Delaware

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USDA is reorganizing

By DIETER KRIEG

WASHINGTON, D.C. – The United States' Department of Agriculture has been going through a reconstruction period for the past two months, and the results are drawing both fire and praise from onlookers. In at least one case, USDA is being challenged by outside agencies and Secretary Bergland is preparing to fight. (See story on page 13).

A number of agencies will be merged, including the Extension Service, the Agricultural Research Service, the Cooperative State Research Service and the National Agricultural Library. Details on that particular move can be found elswhere in this issue, under the headline: "New USDA science agency is taking shape."

Secretary of Agriculture Bob Bergland expects the various reorganizational moves to be complete and in effect by Jan. 3. A spokesman at USDA explains that the reorganization is primarily being under taken for efficiency's sake. The actual workings of various programs will most likely not be directly affected.

One proposed move which has come under considerable fire is the plan

(Turn to Page 12)

Poultry disease still a threat

By KENDACE BORRY

HARRISBURG - Outbreaks of Laryngotracheitus (LT) have been increasingly detected, with approximately 20 infected chicken flocks reported, according to Dr. E.T. Mallinson, V.M.D., Chief, Avian Health Division, Pennsylvania Department of Agriculture. Most of the cases have been in southeastern Pennsylvania, with a concentration of the disease found in East Earl and Caenarvon Townships, Lancaster County, and the adjacent areas. Scattered cases have also been reported in the western and northeastern parts of the state.

The disease has been found in all types of chicken flocks, with both large and small, meat and egg types affected.

According to Dr. Mallinson, backyard flocks pose a real threat to the situation because in many of these farms, sanitation procedures are not as good as they should be. Birds of these flocks could be infected and the infection carried to other birds in an endless cycle. People entering the area of the infected flock and then travelling to other flocks may carry the infection with them and spread the disease.

To protect flocks, both large and small chicken

(Turn to Page 16)

Agricultural zones considered

By BONNIE SZYMANSKI

LITITZ -- Warwick Township farmers are being given the opportunity to take part in local governmental action which could mean the beginning, or the end, of area farming as they now know it.

On Wednesday evening, Dec. 28, about 30 residents of Warwick Township – most of them concerned in one way or another with agriculture – gathered in the township municipal building on Clay Road to take part in an informal meeting of the Warwick Township Planning Commission. Discussion centered on whether or not the concept of an agricultural district would be desirable or workable in the township.

Zoning Officer Marvin Feiler told those in attendance that he had mailed out approximately 30 letters to township residents living on class I and II soils (prime farm lands). He noted that he was pleased at the response, as almost everyone contacted was at the meeting.

In inviting them, planners had hoped that the farmers would use the meeting as a platform for discussion on their opinions and attitudes about establishing an agricultural district in the township.

Questions from the

(Turn to Page 21)

Wet soybeans finally harvested

By DIETER KRIEG

LITITZ – Thanks to temperatures which haven't climbed above freezing – or even the twenties – for nearly a week, the soybean harvest got a boost after having been at a standstill for close to six weeks. Reports now are that combining has been completed nearly everywhere, and yields are holding up fairly well considering the beating the crop took earlier in the season.

But the beans are wet, which comes as no surprise to area residents who have been plagued with rain, ice, and snow ever since the beans were ripe enough to combine. Some growers are reporting moisture readings of upwards of 30 per cent. Mark Hershey, a Lebanon County soybean handler, says he's getting beans containing anywhere from 15 to 25 per cent moisture.

The high water content is one of the costly consequences of the late harvest. Although farmers aren't complaining too much about their yields – realizing that they could have been much worse, – they're having to sacrifice considerable income if beans need to be dried down to 13 or 14 per cent moisture. One farmer reports being charged three cents per moisture point per bushel. Another method employed by dryer operators amounts to deducting two per cent of the weight of the beans for each point of moisture removed.

(Turn to Page 22)

Tobacco buying activity quiet

By JOANNE SPAHR

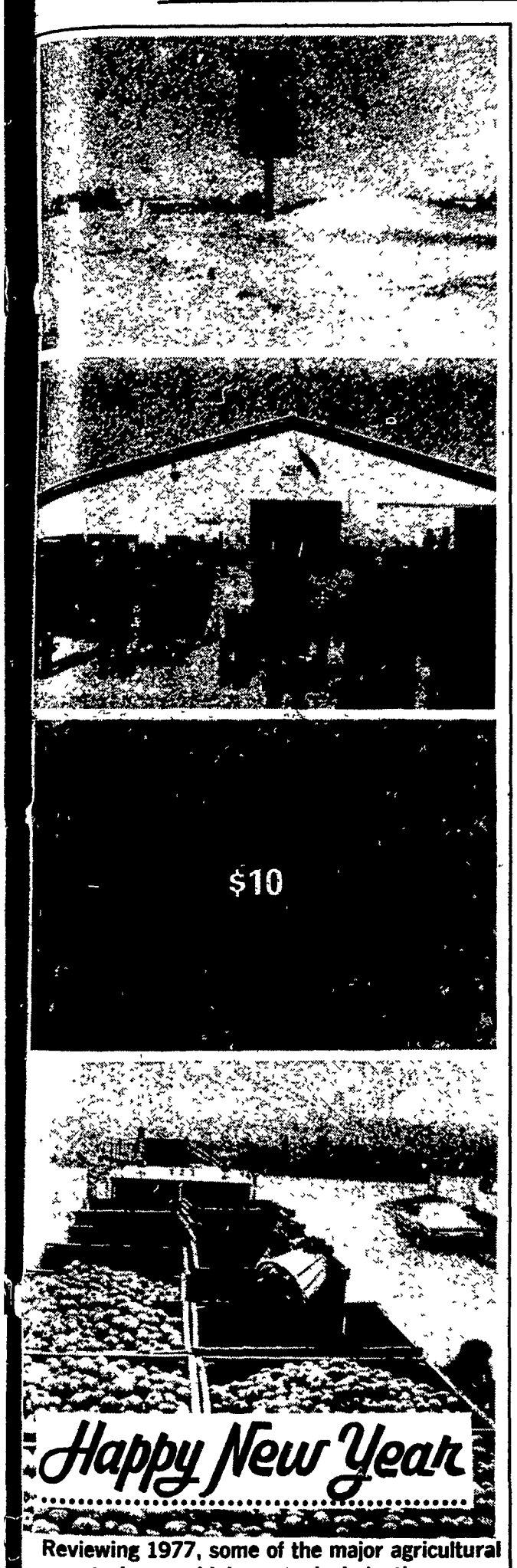
LANCASTER – Three weeks after the first major buy of Type 41 tobacco in Lancaster County, buying and selling activity is still relatively quiet.

Up to this point, both United States Tobacco and John Berger & Son, Co., Landisville, have completed their purchases with only A.K. Mann, Lancaster, out in the field. Although the company temporarily suspended buying for the week, A. Kenneth Mann, executive of the company, stated he intends to begin again shortly.

Mann is offering 60 cents for good, clean pull off, and had been paying 70 cents for 24 inch and above binder leaf, sorted and tied in hands. He stated on Friday, however, that he has nearly finished all his purchases of this particular type leaf.

Eighty-five cents is the top price the company is offering for high quality Maryland type tobacco with number two Maryland going for 75 cents.

Although by last year's standards, the buying and selling activity is slow, on the average with other years it is normal.



Reviewing 1977, some of the major agricultural news stories would have to include the severe Winter which forced factories to close and threatened agricultural markets. In March a landfill threatened the Abe and John Barley farm, (second picture from the top) and that ordeal made healdines for six weeks. Soybean prices jumped $10 per bushel in April. Planting conditions last Spring weren't the greatest. A prolonged heat spell scorched farmers during mid-Summer, sparing no one. Tomato growers were among the hardest hit. In the Fall the rains and fairs came, while farmers dodged showers to get their crops in. In the end, the harvest report was nearly always good, thank God. Like any year, 1977 had its ups and downs. We hope it's been a good one for you, and that 1978 will be even better.

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Livestock market and auction news

Lancaster Market

Lancaster, Pa.
Monday, Dec. 26, 1977

	Cattle	Calves	Hogs	Sheep
Today	809	44	1999	50
Last Monday	1210	140	938	46
Last Year	788	96	1240	43
Monday's Auction	857	44	2055	39
Last Monday's Auction	1021	149	937	47

Holiday - No auction report.

G & M Livestock Market

Duncanville, Pa.
December 26, 1977

Cattle market higher and hog market steady with last week's market.

Steers: Good to choice 37.00-43.00; standard to good 28.00-37.00.

Heifers: Good to choice 34.00-39.00; others 27.00-34.00.

Feeder steers: Good to choice, 300 to 500 lbs. 32.00-38.00; standard to good 28.00-32.00.

Bulls: 1000 to 1400 lbs. 32.00-36.00; No. 2 28.00-32.00.

Cows: High choice to prime 30.00-31.50; good to standard 24.00-28.00; utility 22.00-24.00; dairy cows 390.00-680.00.

Calves: High to choice 68.00-74.00; good to choice 60.00-68.00; standard to good 30.00-42.00; utility 15.00-30.00.

Hogs: 200 to 240 lbs. 47.00-48.60.

Feeder pigs: 15 to 25 lbs. 20.00-24.00; 35 to 50 lbs. 24.00-34.00.

Sows: 300 to 500 lbs. 38.00-44.25; 500 to 650 lbs. 34.00-38.00.

Boars: 23.00-28.00.

Lambs: Good to choice 54.00-59.50.

Sheep: Medium, 60 to 80 lbs. 49.50-54.00.

Vintage Market

Vintage, Pa.
Tuesday, Dec. 27, 1977

	Cattle	Calves	Sheep
Today	1041	709	8
Last Tuesday	758	670	3
Last Year	943	621	16

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 higher, with few late sales steady; slaughter heifers fully steady; cows 1.00-1.50 higher; bulls and bullocks not fully established. Supply included 40 per cent slaughter steers, 9 per cent heifers, and 50 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1050-1350 lb. 46.35-47.75; Choice mainly 2 1075-1325 lb. 46.25-47.85; Choice 2-4 1000-1350 lb. 43.75-46.75; few late 43.00-44.50; high Good and low Choice 2-3 40.50-43.75; Good 2-3 38.50-42.25; Standard 1-2 33.00-36.85.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 39.75-42.25; Good 2-3 800-1000 lb. 37.00-40.00.

COWS: Utility and commercial 1-3 27.50-29.75, several 30.00-31.00; Commercial 2-4 25.00-27.25; Cutter 1-2 25.25-28.50, few 800-1000 lb. 23.50-25.00; Canner and low Cutter 23.50-24.75.

BULLS: Yield grade 1-2 1200-1700 lb. 30.75-33.50, couple 1700-2100 lb. 35.00-35.50.

VEAL CALVES: Vealers 2.00-5.00 higher. Supply included 476 in graded sale of which 42 per cent sold to return to farm.

VEALERS: Choice 160-250 lb. 63.00-70.00, couple Choice and Prime 75.00-82.00; Choice 120-160 lb. 50.00-62.00; high Good and low Choice 140-230 lb. 45.00-60.00, 115-140 lb. 40.00-47.00, 90-115 lb. 37.00-42.00, 70-90 lb. 30.00-36.00.

RETURNED TO FARM: 130 head 100-120 lb. Holstein bulls 54.00-55.50, 35 head 90-95 lb. 46.00-47.00; one lot 100-105 lb. Holstein heifers 57.00 and one lot 90-95 lb. 35.00.

SHEEP: No market test.

Lancaster Auction

Lancaster, Pa.
Wednesday, Dec. 28, 1977

	Cattle	Calves	Hogs	Sheep
Today	950	71	1118	40
Last Wednesday	232	81	1158	12
Last Year	438	118	535	10
Wednesday's Auction	913	105	1129	50
Last Wednesday's Auction	331	89	1102	1

CATTLE: Trend not comparable because market not reported on Monday, and short supply last Wednesday. Slaughter steers grading Choice and Prime active and in best demand, Good to low Choice slow; cows and bulls active and in good demand.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1275 lb. 45.75-46.35; Choice 2-4 1050-1300 lb. 43.50-46.25; Choice 2-3 950-1050 lb. 42.75-44.50; high Good and low Choice 2-3 1000-1325 lb. 38.50-43.75; Good 2-3 36.25-41.00; Standard 1-2 32.75-35.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1025 lb. 39.50-42.50, few 42.50-43.50; Good 2-3 32.00-36.00.

COWS: Utility and Commercial 1-3 27.50-29.10; Cutter 1-2 24.75-27.00, few 27.00-27.50; Canner and low Cutter 24.25-24.75.

BULLOCKS: Choice 1050-1275 lb. 38.75-41.25; Good 1000-1225 lb. 34.00-37.75.

BULLS: Yield grade 1 1100-1700 lb. 33.50-36.00, few 36.25-38.25; yield grade 2 1000-1250 lb. 30.75-33.00.

VEAL CALVES: Vealers fully steady, bulk of the 90-110 lb. sold to return to farm.

VEALERS: Choice 150-260 lb. 67.00-75.00, few Choice and Prime 250-310 lb. 75.00-80.00; Choice 120-150 lb. 52.00-65.00; high Good and low Choice 160-250 lb. 50.00-65.00, 120-150 lb. 44.00-54.00, 90-110 lb. 32.00-40.00, 70-90 lb. 28.00-35.00.

RETURNED TO FARM: Bulk 95-110 lb. Holstein heifers 54.00-60.00; 95-110 lb. Holstein bulls 40.00-45.00.

SHEEP: Slaughter ewes fully steady.

SLAUGHTER EWES: Utility and Good 16.00-20.50.

New Holland

Thurs., Dec. 29, 1977
New Holland

	Cattle	Calves	Sheep
Today	961	550	13
Last Thursday	551	517	6
Last Year	740	441	7

CATTLE: 961. Compared to last Thursday slaughter steers weak to 50 lower, most decline on Good to low Choice; cows 1.50-2.50 lower, instances 3.50 lower on Cutter; bulls and bullocks not fully tested, Supply included 43 per cent slaughter steers and 46 per cent cows balance mainly bulls and heifers.

SLAUGHTER STEERS: Choice 2-4 1000-1300 lb. 43.50-46.75, few Choice and Prime 3-4 46.75-47.50; high Good and low Choice 2-3 41.00-43.50, few 43.50-44.25; Good 2-3 38.00-41.75; Standard 1-2 33.00-34.75.

SLAUGHTER HEIFERS: Choice 3-4 950-1250 lb. 38.00-40.00, few Choice 2-3 40.25-42.75.

COWS: Utility and Commercial 1-3 27.25-28.50, few 28.50-29.10; Cutter 1-2 24.75-26.75, few 26.75-27.35; Canner and low Cutter 22.00-24.50.

BULLS: Yield grade 1 1100-1700 lb. 33.75-36.00, few 36.00-37.00; yield grade 2 1000-1300 lb. 32.00-34.00.

VEAL CALVES 550. Vealers very active 8-10.00 higher.

VEALERS: Choice 160-270 lb. 76.00-82.00, few Choice and Prime 240-320 lb. 80.00-88.00; Choice 120-160 lb. 64.00-76.00; high Good and low Choice 150-240 lb. 57.00-70.00, 120-150 lb. 45.00-58.00, 90-115 lb. 30.00-44.00, few 85-105 lb. 24.00-30.00.

SHEEP: 13. Market not fully tested, few Utility and Good slaughter ewes 15.00-22.00.

Lancaster Weekly

Friday, Dec. 30, 1977

	Cattle	Calves
This Week	3800	1400
Last Week	2841	1409
Last Year	3286	1299

CATTLE: Compared to last week's close slaughter steers steady to 50 lower, some sales Good to low Choice off 1.00; few sales slaughter heifers fully steady; cows closed the week 1.50-2.50 lower with some sales on Cutter 3.50 lower; bullocks not fully tested; bulls 50-1.00 higher. Supply included 55 per cent slaughter steers, 31 per cent cows, 8 per cent heifers, 5 per cent bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1050-1350 lb. 45.75-46.75, few 46.75-47.75; Choice mainly 2 1050-1300 lb. 46.25-47.85; Choice 2-4 1050-1325 lb. 43.75-46.50; Choice 2-3 950-1050 lb. 42.75-44.50; high Good and low Choice 2-3 1000-1250 lb. 40.00-43.75, couple lots 1250-1350 lb. 38.50-40.50; Good 2-3 36.50-41.50; Standard 1-2 32.75-35.50.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 38.00-42.00, few 42.00-43.50; Good 3 800-1000 lb. 32.00-38.00.

COWS: Utility a Commercial 1-3 27.25-28. few 28.50-29.25, several ea part of week 30.00-31. Commercial 2-4 24.50-27. Cutter 1-2 24.75-27.00, f mainly early part of we 27.50-28.50; Canner and l Cutter 22.00-24.75.

BULLOCKS: Choice 10 1275 lb. 38.75-41.25; Go 1000-1225 lb. 34.00-37.75.

BULLS: Yield grade 1100-1700 lb. 33.50-36.00, fe 36.00-38.25; yield grade 1000-1250 lb. 30.75-33.00.

VEAL CALVES: Veale 3.00-5.00 higher with closu sales 8.00-10.00 highe although Good to low Choi 85-110 lb. 2.00-4.00 higher.

VEALERS: Few Choi and Prime 240-320 lb. 80. 88.00; Choice 160-270 l 75.00-82.00, 120-160 lb. 60. 76.00; high Good and l Choice 150-240 lb. 55.00-70. 120-150 lb. 44.00-58.00, 90-1 lb. 30.00-44.00, few 70-105 l 24.00-36.00.

RETURNED TO FAR Bulk 95-110 lb. Holste heifers 54.00-60.00; bulk 1 120 lb. Holstein bulls 48 0 55.50 with 90-95 lb. 42 0 48.00.

Lower Dauphin YF will meet Monday

HUMMELSTOWN – Th Lower Dauphin Youn Farmers will meet here the high school on Mond night. Guest speaker for t 7:30 p.m. event is Diet Krieg, eidtor of Lancast Farming. The topic to discussed will be "Far Outlook for 1978." Meetin are held monthly in the hi school's vo-ag room.

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Hog Markets

Lancaster Market

December 26, 1977
Lancaster, Pa.

Holiday - no market report.

Vintage Hog

Saturday, Dec. 24

Reported 433 head.

No. 1, 200 to 250 lbs. 47.50-48.75; No. 2-3, 205 to 250 lbs. 46.00-47.50, 23 head at 49.60-50.10; sows 32.50-36.00; boars 33.00; heavystraights 270 to 350 lbs. 37.50-41.00; lightweights, 125 to 180 lbs. 30.00-39.50.

Wednesday, Dec. 28

Reported 1109 head.

No. 1, 200 to 250 lbs. 47.10-48.10; No. 2-3 200 to 250 lbs. 46.00-47.00, with late sales from 45.50-46.00; sows 34.25-36.75; boars 26.50-29.50; heavystraights, 260 to 265 lbs. 44.25-47.00; lightweights, 145 to 165 lbs. 34.50-37.75.

Indianpolis Hog

Thurs., Dec. 29, 1977

HOGS: 1700 - Barrows & gilts moderately active, 1.00-1.50 lower.

US 1-2 200-230 lb. 46.25-46.50; US 1-3 200-240 lb. 45.50-46.25.

Sows: Uneven, under 450 lb. 1.00 lower, over 450 lb. 1.00 higher.

US 1-3 300-400 lb. 36.00-36.50.

Lancaster Auction

Lancaster, Pa.
Wednesday, Dec. 28, 1977

HOGS: Compared to last Wednesday barrows and gilts steady to 25 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 47.25-48.00; US 1 200-240 lb. 48.75-49.00; US 1-3 200-250 lb. 46.75-47.50.

New Holland Feeder Pig

New Holland, Pa.
Wednesday, Dec. 28, 1977

	Feeder Pigs
Today	591
Last Wednesday	949

TREND: Small supply feeder pigs 10.00-12.00 higher. All prices on a per hundred weight basis.

US 1-2 40-55 lb. 71.00-83.00; 15 head 29-32 lb. 96.00-98.00; 55-65 lb. 61.00-72.00.

US 2-3 30-40 lb. 77.00-87.00; 40-55 lb. 58.00-77.00.

St. Louis Hog Market

Thursday, Dec. 29, 1977

6000- Barrows & gilts moderate early, later slow, mostly 1.50 lower.

US 1-2 200-240 lb. 45.25-45.50, about 150 head; US 1-3 200-240 lb. 45.00-45.50,45.75.

Sows: Unevenly 50-1.50 lower. US 1-3 300-450 lb. 36.00-36.50.

New Holland Hog

New Holland, Pa
Monday, Dec. 26, 1977

	Hog Auction
Today	1597
Last Monday	1067

Retail 48.25-50.00; heavyweights 47.50-48.25; lightweights 47.00-48.25; wholesale 47.25-48.25; sows 32.00-37.00; boars 30.00-34.00; Shoats, No. 1-2, 1 lot at 32 lbs. 96.00; 43 to 55 lbs. 71.00-83.00; 56 to 62 lbs. 61.50-72.00; No. 2-3, 1 lot at 29 lbs. 98.00; 29 to 37 lbs. 77.00-87.00; 41 to 55 lbs. 69.50-82.00; No. 3, 30 to 40 lbs. 71.00-80.00; 41 to 51 lbs. 58.00-69.00; utility, 21-36 lbs. 58.00-65.00.

Peoria Hog Auction

Thursday, Dec. 29, 1977

HOGS: 4500 - Barrows & gilts slow, opening mostly 2.00 lower than the bulk of Wednesday's sales.

US 1-2 200-230 lb. 45.00-45.50; US 1-3 200-240 lb. 44.50-45.00.

Sows: 50-1.50 lower. US 1-3 350-500 lb. 35.00-38.50.

New Holland Dairy

Wednesday, Dec. 28

Reported receipts of 156 cows and 98 heifers. Market steady with last week's market.

Load of Pa. fresh 440-800; load of Pa. fresh 575-785; load of Pa. fresh 525-1025, springers 675-725; herd dispersal of 29 head in all stages of lactation 325-700; herd dispersal of 28 head in all stages of lactation 340-775; local cows 450-700; springing heifers 475-685; bred heifers 400-525; open heifers 130-350.

Lancaster Grain

Friday, Dec. 30, 1977

These prices are made up of the average prices quoted by a number of participating area feed and grain concerns. It should be noted however, that not every dealer or broker handles each commodity. All prices are per bushel except ear corn and soybean meal which are per ton.

The average prices quoted Friday, Dec. 30 are as follows:

	Bid+	Offered+
Ear Corn	51.00	56.30
Shelled Corn	2.32	2.49
Barley	2.10	2.29
Oats		
Local	1.28	1.54
Western	1.86	2.01
Wheat	2.54	2.70
Soybeans	5.63	——
Soybean Meal		221.50

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, December 26

Reported receipts of 434 calves, 138 cows, 78 hogs, 31 heifers, 25 lambs, 4 sheep, 17 bulls, and 12 steers. Cattle market higher and calf market steady.

Veals 55.00-64.00; bobs, 90 to 110 lbs., 34.00-38.00; bobs, 80 lbs. and down 28.00-33.00; grassers and feeders 25.00-33.00; lambs 35.00-56.50; sheep 12.00-20.00; hogs, 200 to 250 lbs. 28.00-40.50; sows 28.00-34.00; boars 20.00-25.00; pigs 10.00-30.00; heifers 26.00-30.00; steers, good 30.00-32.75; steers, common 26.00-30.00; bulls 29.00-33.75; cows, good 29.00-30.00, top 31.50; cows, medium 26.50-27.00; cows, poor or small 18.00-24.00; small horses 30.00-50.00; ponies 8.00-10.00; goats 10.00-25.00.

Lancaster Feeder Cattle

Lancaster Pa.
Friday, Dec. 23, 1977

	Feeder Cattle
Today	0
Last Friday	682

No Auction.

Futures Trading

(Closing Bids as of Thursday, December 29, 1977)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
Jan.	43.17			46.05
Feb.	42.30	42.80		
March			3.94	43.25
April	41.77	38.75	4.35	41.55
May			4.97	41.60
June	42.97	40.65		43.00
July		40.80		
Nov.			5.17	

Trend - Cattle are higher, Hogs are stronger, Potatoes are stronger, and eggs are weaker.

Market Provided by Commodity Department
Reynolds Securities, Inc.

Chicago Grain Futures

(Closing Bids as of Thursday, December 29, 1977)

	Corn	Wheat	Soybeans	Soybean Meal
Jan.			5.95	162.00
March	2.24¾	2.80½	6.04	164.20
May	2.27½	2.85¼	6.10½	166.30
July	2.28½	2.90	6.14	168.20
Sept.	2.27	2.94½	5.97½	165.00

Trend - Corn is weaker, Wheat is weaker, Soybeans are weaker, and Soybean Meal is unchanged to stronger.

Market Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Week to Date	450,000	53,000	876,000	58,000
Same Period Last Week	577,000	71,000	1,111,000	80,000
Same Period Last Year	534,000	64,000	1,076,000	97,000

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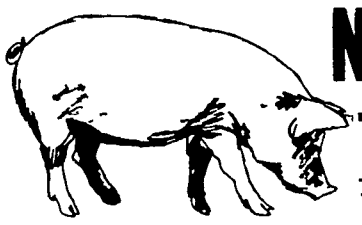

NEXT FEEDER PIG SALE
TUESDAY, JANUARY 3 - 1 P.M.

Consign all your feeder pigs to Walter M. Dunlap & Sons where they will be handled by a capable and experienced staff.

Feeder pigs received from 6 A.M. to 11 A.M.

NOTICE ▶ OPEN MON. JAN. 2

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Poultry Market Reports

Weekly New York Egg Market

From Monday, December 26 to Friday, December 30

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE	N				
Ex Large	O	70	68	68	64
Large		68	67	67	63
Mediums	M	63	62	62	59
Pullets	A	43	41	41	38
Peewees	R	27	25	25	23
	K				
BROWN	E				
Large	T	68	68	68	68
Mediums	H				
Pullets	O				
Peewees	L				
	I				
Off Grade	D				
Large	A	60	60	60	56
Checks	Y	28	28	28	28

Tone - carton orders reasonably active, offerings ample.

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N. E. Weekly Shell Egg Report

December 27, 1977

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	71-77	69-75	67-73	48-56
Mostly	72-74	70-72	68-70	49-51
NEW HAMP.	66-72	64-70	62-68	43-49
Mostly	70-71	68-69	66-67	47-48
R.I.	72-74	70-72	68-70	49-51
VERMONT	73-80	71-78	69-75	-
Mostly	74-77	72-75	69-70	-
MAINE	73-75	71-73	69-71	50-52

+Includes Central and Western Sections Only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Wednesday	Friday
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	56	54
Class 2 - Large	45 lbs.	52	50
Class 3 - Medium	42 lbs.	50	46
Class 4 - Small	39 lbs.	32	32
Breaking Stock	48 lbs.	35	34
Checks	48 lbs.	28	28

Lancaster Farming

P.O. Box 266 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Delmarva Poultry

December 28, 1977

Ready-to-cook movement light to fair for current needs. Advance interest good. Slaughter fairly heavy. Todays little asking prices unchanged at 37 on plant and 38 on US Grade A. Advance interest good with unconfirmed sales noted as high as 38 cents. Live supplies ample at generally desirable weights. Undertone firm.

Current broiler/fryer negotiated prices for immediate includes mostly multiple-drop shipments to New York city from Delmarva.

Range: US Grade A 37-39; Plant Grade 36-38; Premium X US Grade A 45.00; Premium X Plant Grade: 43.00.

Wtd. Avg: US Grade A 37.84; Plant Grade 36.98; Premium X US Grade A 45.00; Premium X Plant Grade 43.00.

X-includes special services, selected competitive brands, etc.

PACMA Facts

PACMA-FACTS

The following market is supplied by PACMA-FACTS, a direct marketing organization affiliated with the Pennsylvania Farmers' Association. Participating poultrymen are members of PACMA, which employs a fowl marketing agent, The Farmers' Agricultural Cooperative Trading Society (FACT) - to sell members' fowl. PACMA works directly with the PFA poultrymen in the program.

Farm point prices prevailing for fowl to be marketed by members during the week of December 26 were 9½ to 10 at farm weight; 12 at plant weight.

Eastern Pa. & N.J. Poultry

December 28, 1977

Prices light type hens at farm unchanged to ½ cent lower. Unchanged at plant. Demand fair for adequate offerings. Heavy type adequate for a light interest.

Prices paid at farm: Light type hens 8-10; mostly 9½-10; FOB plant 12-12½.

Heavy type hens TFEWR.

Philadelphia Eggs

December 28, 1977

Eggs: Prices unchanged. Cartoning demand fair. Offerings fully adequate. Undertone nervous and unsettled.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: store door· A Extra Large 68-71; A Large 67-69; A Medium 61-63.

Hay Markets

New Holland Hay

Monday December 26
New Holland
Sales Stables

Total 80 loads.

Alfalfa, 100-125, top 137, 1 load 85; timothy 95-110, top 115; clover 89-105; orchard grass 85-95; mixed hay 89-105, mostly 90-100; straw 103-124, 1 load 92; ear corn 63-69; locust posts 1.15 each.

Wednesday, Dec. 28

Total 11 loads.

Alfalfa 100-103; timothy 96-99; mixed hay 95-96; straw 91-99; 1 load corn 66.

Green Dragon Hay

Ephrata, Pa.
December 23, 1977

Prices Per Ton: 80 lds. hay & 52 lds. straw.

Alfalfa 90.00-120.00, few down to 78.00; Timothy 83.00-102.00, few 111.00; Mixed hay 83.00-109.00; Clover, one load 93.00; Straw 95.00-120.00; Corn, 12 lds. 56.00-66.00 one 72.00.

Baltimore Eggs

December 28, 1977

Prices lower. Demand is fairly good most quarters. Supplies are adequate to fully adequate.

Cartoned eggs: Prices to retailers, state graded (min one case sale) white.

Grade A Large	71-75
Grade A Medium	65-69

Vintage Hay

Thursday, Dec. 29

Total 19 loads. All prices per ton.

Timothy hay 105-118; mixed hay 89-105; 2nd crop alfalfa 103-112; 1st crop alfalfa 95-110; straw 100-108; new ear corn 60; fodder 60.

Regional Hay

December 27, 1977

(All hay No. 2 and better, prices paid by dealers at the farm & per ton.)

Hay and Straw fully steady. Alfalfa 90.00-100.00; Mixed hay 85.00-90.00; Timothy hay 75.00-80.00; Straw 75.00-80.00; Mulch 40.00-60.00.

Harvey Z. Martin Hay Market

Wednesday Dec. 28
142 Loads

Alfalfa 89 to 114, 2 loads at 125 and 135; Clover 96; Timothy 90 to 102; Mixed Hay 86 to 115; Meadow Grass (2 loads) 84 and 91; Mulch Hay 94; Straw 93 to 110; Ear Corn new 59 to 64, 2 loads old 71 and 72; Corn Fodder 62; Fire Wood 1 load 23.00 per ton.

Eyes Have It

Some species of animals have eyes with unusual features The rabbit can see behind himself, for example Bees can't see red, but they can see ultraviolet light, which is invisible to humans Fish and snakes can't blink Jellyfish, however, can't see at all, they can only sense light

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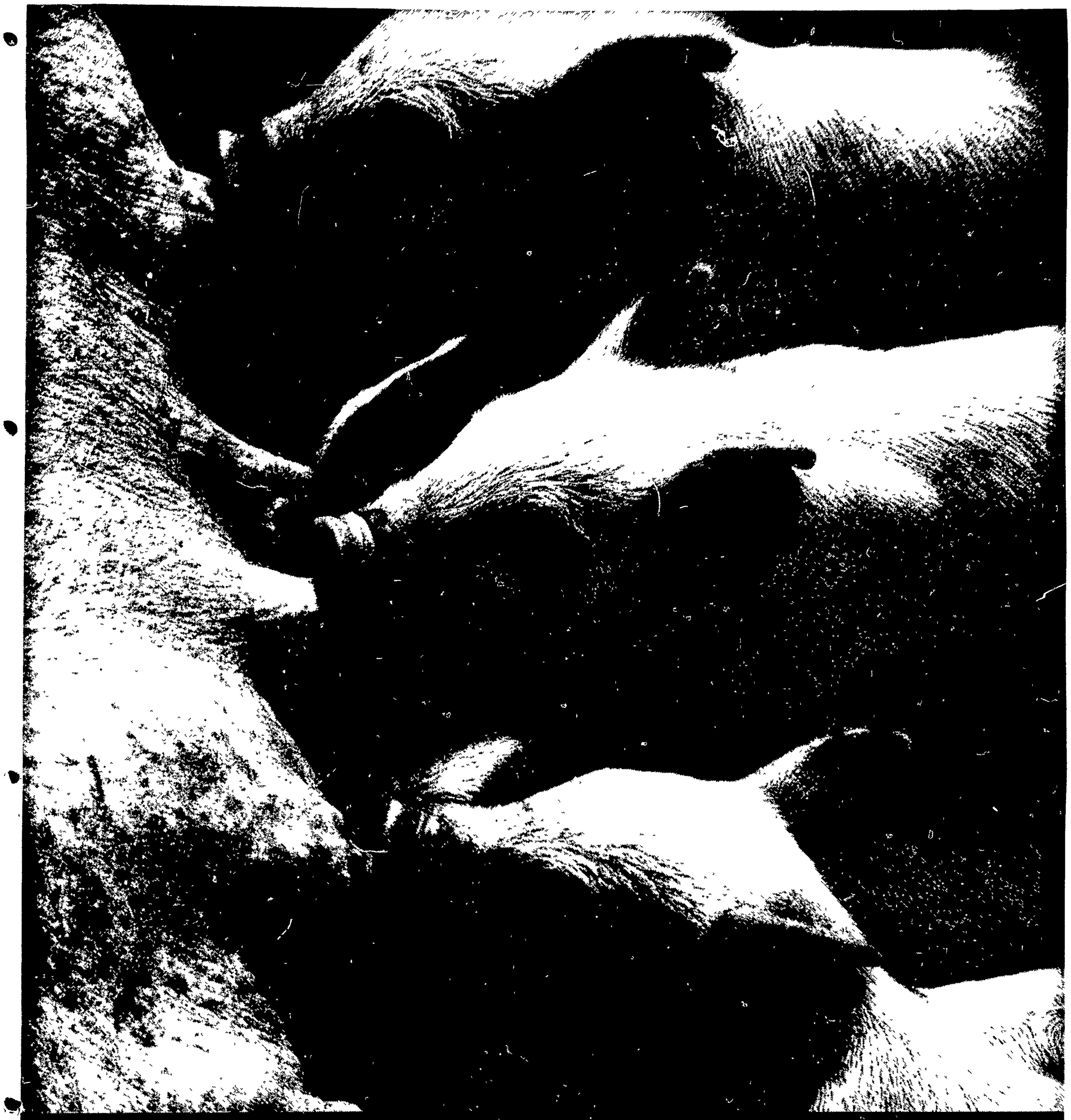

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Livestock market and auction news

Pa. Auction Summary

CATTLE 5135. Compared with 8026 head last week, and 4331 head a year ago. Compared with last week's market, slaughter steers unevenly steady. Slaughter heifers steady to $1 higher. Slaughter cows 50 cents to $1.50 higher. Slaughter bulls steady to $1 higher. Steers: Few High Choice & Prime No. 3-4 44.75-47.50, Choice No. 2-4 42.00-46.00, few to 47.00, Good 36.00-43.00, Standard 31.00-37.00, Utility 29.00-32.00. Heifers: Choice 38.00-43.50, Good 32.00-38.00, Standard 27.00-32.00, few Utility 22.00-30.00. Cows: Utility and Commercial 25.50-29.10, few 30.50, Cutters 23.25-27.50, Canners 21.00-25.00, Shells down to 17.00. Bullocks: Few Choice 37.25-42.00, few Good 32.00-37.00, few Standard 27.00-34.00, few Utility 23.00-27.00. Bulls: Yield Grade # 1 1000-2400 lbs. 30.00-35.50, few to 36.50; yield grade #2 900-1600 lbs. 27.00-33.00. Feeder Cattle: Good & Choice 300-750 lbs. feeder steers 28.00-37.50, Medium & Good 300-600 lbs. 20.50-30.00; Good & Choice 300-700 lbs. feeder heifers 24.00-32.50, Medium & Good 300-700 lbs. 18.00-28.00.

CALVES 4192. Compared with 5161 head last week, and 3809 head a year ago. Vealers steady to $4 higher. Vealers: Few Prime 72.00-86.00, Choice 60.00-74.00, Good 49.00-62.00, Standard & Good 110-130 lbs. 39.00-55.00, 90-110 lbs. 32.00-42.00, Standard 70-90 lbs. 28.00-33.00, Utility 50-120 lbs. 20.00-32.00. Farm calves, holstein bulls 90-120 lbs. 35.00-55.00; holstein heifers 85-120 lbs. 35.00-48.00.

HOGS 6998. Compared with 7702 head last week, and 7579 head a year ago. Barrows & gilts $1 to $2.50 higher. Barrows & Gilts: US No. 1-2 200-240 lbs. 46.00-49.00, No. 1-3 200-250 lbs. 44.00-47.50, No. 2-3 190-260 lbs. 40.00-46.00, few No. 2-4 250-300 lbs. 37.00-43.00, No. 1-3 140-190 lbs. 35.00-43.00, few to 47.00. Sows: US No. 1-3 300-575 lbs. 32.00-38.00, few to 40.50, No. 2-3 300-600 lbs. 24.50-34.00. Boars 22.00-28.00.

FEEDER PIGS 1662. Compared with 2167 head last week, and 856 head a year ago. Feeder pigs mostly $1 to $2.50 lower per head. US No. 1-3 20-35 lbs. feeder pigs 10.00-20.50 per head, No. 1-3 35-50 lbs. 17.00-29.00, No. 1-3 50-80 lbs. 28.00-39.50, Utility 20-45 lbs. 5.00-17.00 per head.

GRADED FEEDER PIGS 2598. Compared with 1345 head last week. All sales cwt. Feeder pigs $2 to $6 lower cwt. US No. 1-2 30-50 lbs. 68.00-85.50, few to 88.50, 50-60 lbs. 58.00-79.50, 60-75 lbs. 50.50-63.00; No. 2-3 30-40 lbs. 62.00-80.00, 40-60 lbs. 48.00-64.00, 60-90 lbs. 49.50-53.00, Utility 35-50 lbs. 43.00-63.00.

SHEEP 395. Compared with 696 head last week, and 542 head a year ago. Wooled slaughter lambs 50 cents to $4 higher. Choice 60-120 lbs. wooled slaughter lambs 50.50-63.00, Good 50-115 lbs. 45.00-54.00. Slaughter ewes 3.00-16.50.

East Coast Carlot Meats

Princeton, New Jersey
December 28, 1977

Compared to Tuesday's close: Reported sales on beef and lamb and pork very light as reported by USDA. Transportation of previously sold products seem major concern early. Prime special fed veal steady. Good and choice boning veal 2.00 to 4.00 higher. Limited test cow beef steady. Lamb compared to last week 6.00 to 11.00 higher in face of short supplies. Skinned hams 2.50 to 3.00 lower.

COW BEEF

CANNER-CUTTER 1-2 350 lbs up 5700 load, steady.

BEEF CUTS
Choice 3

——STEER HINDS 145-190 lbs 8500-8600.

ROUNDS, STEER 60-85 lbs. 8200-8400.

FULL PLATES 4150-4200

FLANKS, untrimmed 3650-3850.

VEAL CARCASS—HIDE ON

Prime (Special Fed) 180-250 lbs. 11200 steady.

BONING TYPE
Good and Choice

Northeastern Suppliers: 65-75 lbs. 50.00-54.00, all 2.00 to 4.00 higher; 55-64 lbs. 48.00-52.00; 45.54 lbs. 46.00-50.00; 35-44 lbs. 44.00-48.00; 34 lbs. down 42.00-46.00.

Midwest and west coast suppliers: 70-85 lbs. 58.00-60.00, all 2.00 to 4.00 higher; 60-70 lbs. 56.00-58.00; 50-60 lbs. 54.00-56.00; 40-50 lbs. 52.00-54.00; 30-40 lbs. 50.00-52.00.

LAMB CARCASS
Choice and Prime
9 Loads

Compared to last week: 55 lbs down, 128.00 few 132.00, 6.00 to 8.00 higher; 55-65 lbs. 128.00 few 132.00, 8.00 to 10.00 higher; 65-75 lbs. 126.00, 8.00 to 11.00 higher.

FRESH PORK CUTS

SKINNED HAMS 14-17 lbs. 83.00, 3.00 lower; 17-20 lbs. 79.00, 2.50 lower; 20-26 lbs. 78.00.

NECK BONES: 20.50.

CURED AND PROCESSED MEATS
12 Loads

SKINNED HAMS: 16-20 lbs. 87.00, steady.

SEMI—BONELESS HAMS: 17-20 lbs. 105.00, steady.

NO. 1 SLICED BACON: Vacuum Pack 101.00.

FRANKS 70 Beef, 30 Pork No 1 Pack 62 00, steady

BOLOGNA 70 Beef, 30 Pork No 1 Pack 68 00, 1.00 higher

BONELESS BEEF
1 Load

85 PCT Chemical Lean, fresh 74.00 load.

BEEF TRIMMINGS
2 Loads

50 PCT Chemical Lean, fresh 38.00-39.00, steady to 1.00 lower.

Chambersburg Auction

Chambersburg, Pa.
December 22, 1977

CATTLE 197. Compared with last Thursday's market, slaughter cows $2 to $2 higher. Couple Choice slaughter steers 43.85 and 44.85, few Good 37.75-42.00, few Utility 29.50-30.50. One Choice slaughter heifer at 42.50, few Utility 25.50-29.25. Utility & Commercial slaughter cows 26.50-29.85, couple to 30.85, Cutters 25.00-28.00, Canner & Low Cutter 22.75-25.50, Shells down to 20.00. Few Yield grade #1 1050-1500 lbs. slaughter bulls 28.85-34.75. Few Good & Choice 350-700 lbs. feeder steers 28.00-34.00; few Good 300-700 lbs. feeder heifers 24.50-32.50.

CALVES 422. Vealers grading Good & Choice $9 to $12 higher; Standard & Good 70-130 lb. $4 to $8 higher. Few Prime vealers 80.00-83.00, Choice 69.00-80.00, Good 55.00-70.00, Standard & Good 110-130 lbs. 40.00-53.00, 90-110 lbs. 33.00-38.00, Standard 70-85 lbs. 24.00-32.00, Utility 50-100 lbs. 5.00-20.00. Farm calves, holstein bulls 90-120 lbs. 35.00-54.00.

HOGS 73. Barrows & gilts $2 to $3 higher. US No. 1-3 200-240 lbs. barrows & gilts 46.85-48.50, No. 2-3 235-255 lbs. 44.50-46.85, one lot No. 1-3 175 lbs. 46.00. US No. 1-3 300-500 lbs. sows 32.00-37 00. Few Boars 24.75-27.00.

FEEDER PIGS 37. US No 1-3 30-40 lbs. feeder pigs 18.50-23.00 per head.

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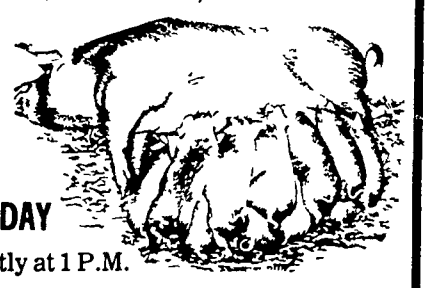

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JANUARY 4, 1978
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Livestock market and auction news

Carlisle Auction

Carlisle, Pa.
December 27, 1977

CATTLE 184. Compared with last Tuesday's market, slaughter cows unevenly steady. Good slaughter steers 27.85-40.10, Standard 32.00-37.50, Utility 28.50-33.50. One Choice slaughter heifer at 37.75, Good 28.75-33.00, Standard 26.00-30.50, Utility 24.00-27.50. Utility & Commercial slaughter cows 26.85-29.00, Cutters 23.00-27.00, Canner & Low Cutter 22.00-26.25, Shells down to 18.25. Good slaughter bullocks 31.60-34.00, Standard 27.25-30.00.

CALVES 194. Vealers $2 to $4.50 lower. Prime vealers 70.00-78.50, Choice 55.00-70.00, Good 38.50-56.50, Standard & Good 110-130 lbs. 34.00-45.00, 90-115 lbs. 27.00-36.00.

HOGS 324. Barrows & gilts $2 to $4.50 lower. US No. 1-2 200-230 lbs. barrows & gilts 44.85-46.85, No. 1-3 190-230 lbs. 39.75-44.50, No. 2-3 200-300 lbs. 35.50-40.10. US No. 1-3 300-500 lbs. sows 36.50-41.50, No. 2-3 300-600 lbs. 27.00-36.00. Boars 25.00-26.00.

FEEDER PIGS 121. No prices quoted.

SHEEP 31. Choice 60-90 lbs. wooled slaughter lambs 51.00-58.00.

New Holland Horse

New Holland
Sales Stables
Monday, December 26

Reported recipts of 202 horses and ponies. Market stronger than last week's market.

Local driving horses 175-425; riding horses 150-300; better horses 325-590; lighweight killers 24-28; heavyweight killers 29-34; mares 15-55; colts 10-25; geldings 15-50; larger ponies 65-175.

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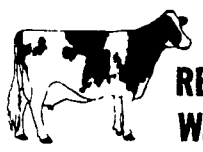

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Des Moines Carlot

December 28, 1977

Compared to Tuesday's close fresh pork cut trade slow, demand moderate to light. Fresh loins not established, weaker undertone noted. Picnics steady; skinned hams 1.00-3.50 lower; bellies 16-18 lbs. 3.50 higher, other cuts not established.

FRESH PORK CUTS

LOINS: No sales reported.

PICNIC: 4-8 lbs. 54.50, steady.

PORK BUTT: No sales reported.

SPARERIBS: No sales reported.

SKINNED HAMS: 14-17 lbs. 80.00, 3.00-3.50 lower; 17-20 lbs. 75.75-76.00, 2.75 lower; 20-26 lbs. 74.00-74.75, 1.00-1.75 lower.

BELLIES, SDLS: 16-18 lbs. 57.50, 3.50 higher.

BONELESS CT BUV ½-3 VLTQMTP.

JOWLS: 29.00-29.50 frozen.

OFFAL & VARIETY: Neck Bone 17.00.

Compared to Tuesday's close beef trade moderate, demand moderate, Choice 3 steer beef 1.00 lower. Choice 3 heifer beef, good steer and heifer beef steady. Primal beef cuts, arm chucks 2.00 lower. Forequarters 1.00-1.50 lower. Cow beef 50-2.00 higher. Sales reported on 17 loads of carcass beef.

STEER BEEF
17 Loads

Choice 3: 550-800 lbs 68.25-69.25, mostly 68.25, 1.00 lower.

Good 2-3 500-800 lbs. 62.25, steady.

Good 2-3 500-900 lbs. (Holstein type) 61.00.

HEIFER BEEF
49 Loads

Choice 3: 500-700 lbs. 67 25, steady.

Good 2-3 500-700 lbs. 59 75, steady.

COW BEEF
9 Loads

Utility (Brkg) (Nthrn) 3-4 46.50, .50 higher; (bng) 2-3 52.00, 2.00 higher.

CANNER & CUTTER: (NTHRN) 56.00-57.50, mostly 57.00, 2.00 higher.

BONELESS PROCESSING BEEF: 90 PCT Chemical Lean frozen, 76.00.

PRIMAL BEEF CUTS
Choice 3
9 Loads

FORES: 130-210 lbs. 58.00-58.50, 1.00-1.50 lower.

ARM CHUCKS: 75-120 lbs. 48.00, 2.00 lower.

RIB LOINS (Trimmed) 30-40 lbs. 118.00.

ROUNDS (Steer) 60-85 lbs. 78.50-79.50.

BEEF TRIMMINGS: 50 PCT Lean fresh 37.00; 50 PCT Lean frozen 38.00.

Hunter's Sale Barn

Rising Sun, Md.
December 26, 1977

HEIFERS: High Choice and Prime 28.00-31.00; Good to Choice 25.00-26.50.

FEEDER STEERS: Good to Choice 32.00-33.50; Standard to Good 29.00-31.00.

COWS: High Choice to Prime 29.25-31.00; Good to Standard 28.00-29.00; Utility 25.75-27.00; Cutters 21.00-24.25; Canners 18.00-21.50.

CALVES: Good to Choice 120-140 lb. 46.00-53.00; Standard to Good 90-110 lb. 32.00-38.00; Utility 70-80 lb. 25.00-29.00, few 32.00; Low Utility 60-75 lb. 22.00-26.00.

FEEDER PIGS: $18 to $35 by head.

SOWS: 31.50.

Lebanon Valley Auction

Fredericksburg, Pa.
December 27, 1977

CATTLE 271. Compared with 2 weeks ago market; few Low to Average Choice No. 2-4 1100-1350 lbs. slaughter steers 42.10-43.75, one at 44.60, High Good to Low Choice 41.50-43.00, Good 38.00-41.75, few Standard 34.00-36.50. Few Choice slaughter heifers 38.85-43.00, few Good 36.50-38.75. Utility & Commercial slaughter cows 27.50-30.50, Commercial No. 4-5 26.00-28.25, Cutters 26.75-29.00, Canner & Low Cutter 23.00-26.85, Shells down to 21.50. Few Standard & Good slaughter bullocks 33.00-36.00. Few Yield Grade #1 1175-1750 lbs. slaughter bulls 30.85-36.00.

CALVES 210. Few Prime vealers 72.00-76.50, Choice 64.00-71.00, Good 47.00-60.00, few Standard & Good 110-130 lbs. 40.00-45.00, 90-110 lbs. 32.00-37.00, Standard 70-85 lbs. 27.00-32.00, few Utility 50-100 lbs. 10.00-25.00. Farm calves, holstein bulls 90-120 lbs. 37.00-51.00, couple to 53.00; few holstein heifers 100-115 lbs. 40.00-50.00.

HOGS 345. US. No. 1-2 200-250 lbs. barrows & gilts 46.10-46.75, few small lot 47.25, No. 1-3 200-240 lbs. 45.00-45.85, No. 1-3 175-195 lbs. 43.00-44.50. US No. 1-3 275-575 lbs. sows 34.00-36.75. Boars 26.00-28.00.

FEEDER PIGS 6. Not enough of any one grade to establish a market.

SHEEP 3. Few Slaughter ewes 12.00-13.50.

Peoria Auction

Peoria, Illinois
December 29, 1977

Cattle Receipts this 4-day week 5000; Last Week 5800; Last Year 4800. Compared with last week's close, slaughter steers and heifers steady. Cows 1.00-1.50 higher. Bulls firm. Receipts about 65 PCT Slaughter steers, 30 PCT Slaughter heifers and the balance mostly cows.

SLAUGHTER STEERS: Choice and Prime 3-4, 1100-1200 lbs. 44.00-44.50, load 1220 lbs. 45.00. Choice 2-4, 1050-1250 lbs. 43.00-44.00; 900-1050 lbs. 42.00-43.00. Mixed Good and Choice 2-4, 900-1300 lbs. 40.00-43.00 Good 2-3, 38.50-40.00. Loa Good and Choice 2-3, 38.50.

SLAUGHTER HEIFERS: Choice and Prime 3-4, 900-1050 lbs. 42.00-42.50. Choice 2-4, 850-1050 lbs. 41.00-42.00; 800-900 lbs. 40.00-41.50. Mixed good and Choice 2-4, 750-1000 lbs. 38.50-41.00. Good 2-3, 34.50-38.50.

COWS: Utility and Commercial 2-4, 24.00-26.50. High dressing utility 27.00-27.75. Cutter 1-2, 22.00-24.00. Canner 20.00-22.00.

BULLS: YG 1-2, 1100-1800 lbs. 25.00-30.00. Few YG 1, 31.00-32.00.

Old Glory Unfurled

The American flag was first unfurled in battle two hundred years ago (Sept 3, 1777) Approximately 700 Regulars, under the command of General William Maxwell, ambushed British and Hessian troops at Cooch's Bridge, Delaware The British, though, won the battle

Babcock B-300V

1ST IN INCOME OVER FEED & CHICK COSTS
20TH PENNSYLVANIA RANDOM SAMPLE TEST

BABCOCK B-300V
1st CAGE *AND* FLOOR.

Results of the 20th Pennsylvania Random Sample Egg Laying Test confirm the reports we've been receiving from egg producers in Pennsylvania on the outstanding performance of the **Babcock B-300V.**

If you've been buying chicks based on Random Sample performance, isn't it time to buy today's winner -- the **Babcock B-300V.**

	INCOME OVER CHICK & FEED COST		EGG PRODUCTION PER HEN HOUSED		% LAYING HOUSE MORTALITY		LB FEED PER LB EGGS	
	CAGE	FLOOR	CAGE	FLOOR	CAGE	FLOOR	CAGE	FLOOR
Babcock B-300V	**6.07**	**6.74**	**256.1**	**275.7**	**3.1**	**1.0**	**2.36**	**2.33**
Shaver 288	5.52	6.27	245.5	273.1	5.2	3.0	2.44	2.44
DeKalb XL	5.85	5.96	253.3	275.7	2.1	3.0	2.43	2.59
Hisex	6.04	6.43	258.8	268.3	4.2	7.0	2.43	2.36

BABCOCK HEALTHY Chicks

IMPORTANT NOTICE: **We have received several questions concerning Babcock's showing in European Egg Laying tests as advertised in this paper. The Babcock B-300V *was not* entered in the recently completed Wissinkenke and Putten Laying Tests.**

P.O. BOX 280 / ITHACA, NEW YORK 14850 / U.S.A. / PHONE: (607) 272-5990

THE OLD FARMER'S ALMANAC

JAN. 2-8, 1978

Winds unruly, don your woolies.

It's bad luck to leave Christmas decorations up beyond this week Calvin Coolidge died Jan 5, 1933 New moon Jan 8 Average length of days for the week, 9 hours, 11 minutes (days begin to lengthen now) Look for meteors after midnight Jan 4

This week in 1924 a car crossed Sahara Desert in three days vs a camel in nine days *He conquers who endures*

Ask the Old Farmer: Can you tell me if this product is still available? When I was a child it was used to fill scratches on wooden surfaces A putty knife was heated then touched to a caramel stick substance There were different colors for different woods P B, St Louis

What you are talking abo it is stick shellac, which does come in different colors You can use a soldering iron to melt it into a scratch if you don't want to heat your best butter knife Check your local hardware store

Home Hints Use either cigarette lighter fluid or nail polish remover to remove bumper stickers

OLD FARMER'S WEATHER FORECASTS

New England: Gale winds, cold and snowy through Wednesday, then snow 4-6 inches in south to 10-15 inches in the north, clearing

Greater New York-New Jersey: Some sun to start, then seasonal but rainy at midweek, week's end brings rain

Middle Atlantic Coastal: Week begins fairly warm with light showers, then colder with some snow at midweek, week's end is sunny and mild

Piedmont & Southeast Coastal: Seasonal with showers through Saturday, Sunday cooler and partly sunny

Florida: Some rain to start with warm temperatures, Wednesday through remainder of week sunny and hot

Upstate N.Y.-Toronto & Montreal: Generally snowy north, cold east through Thursday, snowstorm east, partly sunny west for weekend

Greater Ohio Valley: Mild and mostly sunny then cloudy and some rain or snow for midweek, clearing

Deep South: Rain to start, then warmer by Wednesday weekend is sunny and warmer

Chicago & Southern Great Lakes: Week begins clear and very cold then turning cloudy with some light snow, seasonal, sunny and mild for week's end

Northern Great Plains-Great Lakes. Cloudy, very cold, flurries through Wednesday, sunny with flurries east for remainder of week

Central Great Plains: Expect light snow north, heavier southeast, then turning sunny and mild

Texas-Oklahoma: Sunny with showers at times to start with variable showers southwest through Friday, expect a sunny weekend

Rocky Mountain: Rainy and mild with snow in mountains through Tuesday, remainder of week clearing but cold

Southwest Desert: Sunny and warm with some rain through Wednesday, fair, warm north, clearing south for rest of week

Pacific Northwest: Rain, heavy snow east through Thursday, mild, drizzle north, some sun south for week's end

California. Rain, heavy snow in mountains to midweek, sunny, frost inland through week's end

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Store Coffee Properly

While coffee prices continue to concern consumers, you can stretch supplies with proper storing Any extra coffee you buy should be frozen until you need it Large cans of vacuum-packed coffee (cheaper per pound than small jars) should be stored in the refrigerator Coffee beans can also be refrigerated until it's time for grinding

Livestock market and auction news

Joliet Cattle

Joliet, Illinois
December 29, 1977

CATTLE: Friday through Wednesday's salable receipts 7,728, 5 days last week 7,429, same period last year 8,000. At mid-week slaughter steers being traded steady to 50, instances 1.00 lower than late Wednesday of last week. Slaughter Heifers 50 lower than Wednesday of last week. There was a noticeable decrease in the supply of High Choice and Prime steers this week. This short supply semed to cause a good demand for that class of slaughter steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1325 lbs. 45.00-45.75, One load 46.00 Monday 45.00-45.50 Wednesday. Choice 2-4 1050-1300 lbs. 43.25-45.00. Mixed Good and Choice 2-3 900-1250 lbs. 40.00-43.25. Some Mixed Good and Choice Holsteins 2 1250-1400 lbs. 36.50-38.50 Tuesday.

SLAUGHTER HEIFERS: Choice, few Prime, 2-4 900-1050 lbs. 41.00-42.75, Mostly 41.50-42.50, about 145 head up to 43.00 Wednesday. Mixed Good and Choice 2-3 700-1000 lbs. 38.50-41.50.

COW: Mixed utility & Commercial 25.00-26.00, few 26.00-27.00 Wednesday.

Omaha Cattle

Omaha, Nebraska
December 29, 1977

Cattle – for thw week: Final prices on slaughter steers and heifers were 75-1.00 lower than at the close of the previous week. Cows were 1.00-1.50 higher and bulls fully steady.

Three day receipts 14,100 as compared 15,100 for four days previous week and 14,700 a year ago.

Fed cattle prices were forced sharply downward on the initial session in reaction to the largest one-day supply since January 1974. The reduced midweek volume was increased by a moderate carryover from the previous day and there was no price recovery as most buying interests had sufficient numbers on hand for immediate requirements and began looking ahead to another long non-slaughter weekend. The liberal Tuesday run included a fair percentage choice steers and heifers, but the midweek supply was mainly good to average-choice, Good to low choice steers 950-1050 lbs. and same grade 750-900 lbs. were in generally narrow demand. Slaughter steers made up approximately 46 per cent and feeders 6 per cent.

STEERS: Six loads choice and prime 3-4 1189-1390 lbs. 44.25-44.50, Few head 1023 lbs. 45.00. Choice 2-4 975-1275 lbs. ranged 42.75-44.00, many late sales 43.00-43.50. Mixed good and choice 2-4 closed 41.50-42.75. Load 2-3 1250 lb. holsteins 39.50. Good 2-3 38.00-41.50.

Average of LS-214, detailed quotations, for choice 900-1100 lb. steers this week 43.28; choice 1100-1300 lbs. 43.50. Average weight steers first two days 1118 lbs. as compared 1142 lbs. previous week. Average weight heifers first two days 976 lbs. as compared 986 lbs. previous week.

HEIFERS: Short load choice and prime 3-4 1050 lbs. 43.00, modest showing same grade 975-1052 lbs. 42.50-42.75. Choice 2-4 875-1050 lbs. closed 41.00-42.25. Mixed good and choice 2-3 850-1000 lbs. 39.00-41.00. Good 2-3 35.50-39,00. Small lots standard and good 2-3 32.50-34.00.

COWS: Utility and commercial 2-4 26.00-27.50, few 28.00. Canner and cutter 22.50-26.00.

BULLS: 1-2 1400-1800 lbs. 29.00-32.50, few individual 1 33.00-34.00.

Middleburg Auction

Middleburg, Pa.
December 27, 1977

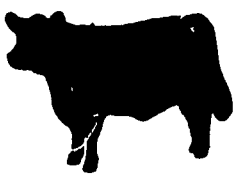
CATTLE 422. Compared with last Tuesday's market, slaughter cows 75 cents to $2.75 higher. Choice 1050-1250 lbs. slaughter steers 44.00-45.85, Good 950-1375 lbs. 38.50-43.50, Standard 35.00-38.50, Utility 32.00-35.00. Choice 1000-1250 lbs. slaughter heifers 40.00-43.35, Good 950-1350 lbs. 35.00-40.00, Standard 30.00-35.00, Utility & Commercial slaughter cows 28.00-31.85, one at 33.85, Cutters 25.75-28.75, Canner & Low Cutter 24.00-26.00, Shells down to 22.00. Choice slaughter bullocks 39.50-39.85, Good 34.50-38.00, Standard 32.00-34.00. Yield Grade #1 1200-1985 lbs. slaughter bulls 31.50-36.75; yield grade #2 800-1200 lbs. 25.00-31.00. Good 400-600 lbs. feeder steers 34.00-42.00; Good 600-800 lbs. feeder heifers 34.00-38.75.

CALVES 168. Vealers mostly $3 higher. Prime vealers 72.50-77.50, Choice 65.00-72.00, Good 55.00-65.00, Standard & Good 110-130 lbs. 40.00-55.00, 90-110 lbs. 35.00-40.00, Standard 70-90 lbs. 25.00-35.00. Farm calves, holstein bulls 95-115 lbs. 42.00-54.00.

HOGS 1002. (Monday, December 26, 1977). Barrows & gilts mostly steady. US No. 1-2 200-230 lbs. barrows & gilts 47.20-48.10, No. 1-3 190-250 lbs. 46.00-47.10, No. 2-3 200-300 lbs. 42.00-45.90. US No. 1-3 300-500 lbs. sows 33.00-35.75, No. 2-3 200-400 lbs. 28.00-32.85. Boars 200-500 lbs. 24.50-26.25.

FEEDER PIGS 204. US No. 1-3 10-20 lbs. 12.00-20.00 per head, No. 1-3 20-40 lbs. 20.00-30.00, No. 1-3 40-60 lbs. 30.00-35.00.

SHEEP 20. Good 75-85 lbs. wooled slaughter lambs 45.00-55.00. Slaughter ewes 14.00-21.00.



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WE HAVE IMMEDIATE NEEDS FOR SEVERAL FLOOR HOUSES SUITABLE FOR RAISING CHICKS AND BREEDER FLOCKS

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Town State

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The Andersons Fertilizer

1977 EARLY WINTER PRICES

F.O.B. OHIO PLANT

BLENDS	Per ton 80 lb. bags	BLENDS	Per ton 80 lb. bags
5-10-10	$ 78.50	10-10-10	$ 88.50
5-20-20	105.50	12-12-12	101.00
6-18-36	121.00	16-16-16	121.00
6-24-24	119.00	19-19-19	137.50
6-26-26	124.00	20-10-10	116.00
8-32-16	130.00	30-10-10	143 50
9-23-30	129.50	0-10-30	89.00
10-20-10	106.50	0-14-42	105.00
10-20-20	116.00	0-23-30	113.50
12-24-24	131.50	0-26-26	113.50

Above prices will increase per ton, effective as of
Jan 4 - $1.00 Jan 18 - $2 00 Feb. 1 - $3.00

STRAIGHT MATERIALS	Per ton bags
45-0-0	$143.50
0-46-0	125.50
0-0-60	96.50
18-46-0	162.00

FREIGHT RATES

Estimated per ton rates for tractor trailer truck to the following areas:

Lebanon-Lancaster-York	$14.00	Allentown	$17 00
Harrisburg-Carlisle	13.00	Bedford-Breezewood	9 00
Hagerstown-Frederick, MD	12.00	Willmington, DE	17.00
Lewisburg-Milton-Bloomsburg	14 00	Vineland-Flemington, NJ	19.00
State College-Lewistown-Lock Haven	12 00	Pottstown-Coatesville-Norristown	15 50

Bulk Discount - $7 00 per ton

Terms - Cash

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Custom Mixing Available
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VISIT WITH US DURING THE FARM SHOW - LOCATED ON THE SECOND LEVEL MAIN ARENA NEAR MAIN ENTRANCE.

Livestock market and auction news

St. Louis Cattle

National Stockyards
December 29, 1977

Receipts this week	4900
Week ago	6300
Year ago	5100

As compared to the previous weeks close, strictly Choice slaughter steers opened 50 to mostly 1.00 higher, not tested late. Low Choice and below grades opened 50 to mostly 1.00 higher, some closing sales generally steady. Slaughter Heifers opened 50-1.00 higher early, not tested late, but lower trend apparent. Cows 1.00-2.00 higher. Bulls firm to 1.00 higher. Supply mainly Choice 2-4 1050-1200 lb. steers, around 25 per cent Heifers and 15 per cent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1200 lbs. 43.50-44.00 early, not tested late. Choice 2-4 950-1050 lbs. 41.50-42.50; 1050-1250 lbs. 41.50-43.50, some closing sales 41.50-43.00. Mixed Good and Choice 2-4 900-1200 lbs. 39.00-42.00, closing 39.00-41.50, several 39.00-40.00. Couple packages Mixed Good and Choice 2-4 1175-1225 lb. Holsteins 36.50 and 37.00. Standard to Good 2-3 1100-1325 lb. Holsteins 33.00-36.00. Few Standard 2-3 900-1050 Holsteins 30.00-33.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 41.00-41.50 Early, not tested late. Choice 2-4 800-1075 39.00-41.00, few closing sales low to average Choice 39.00-40.00. Mixed Good and Choice 2-3 700-950 lbs. 37.50-39.00. Good 2-3 700-950 lbs. 34.50-38.00.

COWS: Utility and Commercial 2-4 25.00-28.50. Boning Utility 27.50-29.00, closing mostly 29.00. Cutter 1-2 24.00-27.50. Canner and low Cutter 1-2 21.00-24.50.

BULLS: YG 1-2 1050-1700 lbs. 28.00-31.00, few 32.00.

FEEDERS: Including around 1100 Thursday's Auction. Feeder Steers and Heifers 1.00-2.00 higher. Demand Good for lighter than normal receipts. Supply mostly Choice and Mixed Good and Choice 300-650 lb. steers and 300-600 lb. Heifers.

FEEDER STEERS: Choice 300-500 lbs. 41.00-44.00; 500-600 lbs. 40.75-43.75; few lots 800-900 lbs. 37.75-39.00. Mixed Good and Choice 300-650 lbs. 39.25-42.50. Few Good 475-600 lbs. 37.50-39.25.

FEEDER HEIFERS: Choice 350-500 lbs. 34.00-36.00; 500-600 lbs. 33.00-35.50; few lots 600-675 lbs. 33.75-35.25. Mixed Good and Choice 375-600 lbs. 32.00-34.50.

Leesport Auction

Leesport, Pa.
December 28, 1977

CATTLE 248. Supply included 26 head feeder cattle. Compared with last Wednesday's market, slaughter steers steady to $1 higher. Slaughter cows 50 cents to $1.50 higher. Choice 2-4, 1000-1350 lbs. slaughter steers 43.00-45.75, couple to 46.25, Good 38.00-43.00, Standard 34.50-37.50, few Utility 27.75-32.00. Few Choice slaughter heifers 39.00-40.25, few Good 35.00-37.50, few Standard 33.00-34.00. Utility and Commercial slaughter cows 27.50-30.00, couple to 30.25, Cutters 26.25-28.75, Canner and Low Cutter 23.50-26.60, Shells down to 21.00. Few Good slaughter bullocks 36.00-36.75, few Standard 32.50-34.25, few Utility 28.75-31.00. Few Yield Grade No. 1, 1050-1600 lbs. slaughter bulls 34.00-37.25. Few Medium and Good 300-500 lbs. feeder heifers 29.00-47.00.

CALVES 181. Vealers mostly $1 to $3 higher. Few Prime 71.00-73.50, Choice 59.00-71.00, Good 45.00-58.00, few Standard and Good 110-130 lbs. 40.00-46.00, 90-110 lbs. 33.00-39.00, Standard 70-85 lbs. 28.00-32.00. Farm Calves: Holstein bulls and few heifers 90-120 lbs. 37.00-52.00, couple to 55.50.

HOGS 403. Barrows and gilts $2 lower. US No. 1-3 195-240 lbs. barrows and gilts 47.00-47.75, No. 1-3 200-240 lbs. 45.75-47.00, No. 2-3 220-265 lbs. 44.00-46.00. US No. 1-3 275-550 lbs. sows 33.00-35.00, couple to 36.00. Boars 22.00-28.00.

FEEDER PIGS 253. ALL SALES PER HUNDREDWEIGHT BASIS. US No. 1-3 20-35 lbs. feeder pigs 81.00-105.00, No. 1-3 40-65 lbs. 66.00-79.00, few Utility 45-85 lbs. 49.00-55.00.

SHEEP 9. Few Good and Choice 60-100 lbs. wooled slaughter lambs 55.00-69.00.

Belleville Auction

Belleville, Pa.
December 28, 1977

CATTLE 164. Compared with last Wednesday's market, slaughter cows about steady. Good slaughter steers individual's 36.35 & 37.60, few Standard 29.10-33.75. Few Good slaughter heifers 31.50-33.35, few Standard 26.75-31.00. Utility and Commercial slaughter cows 26.00-29.25, individual's 30.00 and 30.60, Cutters 24.50-26.25, Canner and Low Cutter 21.25-24.50. Few Standard slaughter bullocks 29.50-31.50. Few Yield Grade No. 1, 1220-1930 lbs. slaughter bulls 33.25-35.50, one Yield Grade No. 2, 1615 lbs. at 30.00.

CALVES 158. Vealers strong to $2 higher. Individual Prime vealer at 73.50, few Choice 65.00-71.00, Good 50.00-63.00, Standard and Good 110-130 lbs. 38.00-54.00, 90-110 lbs. 32.00-38.00, Standard 70-85 lbs. 28.00-33.00, Utility 80-110 lbs. 24.00-31.00. Farm Calves: Holstein bulls 90-130 lbs. 38.00-56.00.

HOGS 232. Barrows and gilts 50 cents to $1 lower. US No. 1-2 210-230 lbs. barrows and gilts 47.40-47.70, No. 1-3 200-245 lbs. 46.00-47.40, No. 2-3 200-245 lbs. 44.00-46.10, No. 2-4 245-270 lbs. 42.70-43.50, 270-320 lbs. 35.00-37.00, No. 1-3 130-185 lbs. 35.25-41.50. Sows steady. US No. 1-3 215-680 lbs. 32.00-36.00. Few Boars 25.00-25.75.

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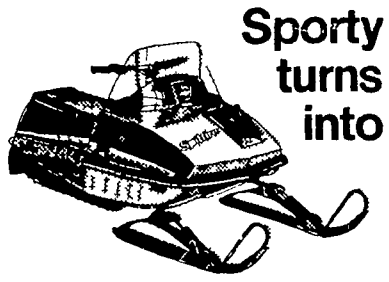
Sporty new free-air compact turns snow-covered trails into wide-open playgrounds



This built-for-one sportabout is easy to handle and fun to ride With a 340 cc engine and just 275 pounds of weight, Spitfire can romp all day at trail riding speeds An aluminum slide-rail suspension adjusts to your weight and snow conditions And a unique direct drive system has about 40 fewer parts than the drive on many other sleds Spitfire also has CD ignition, Mikuni carb, and a riveted grouser-bar track

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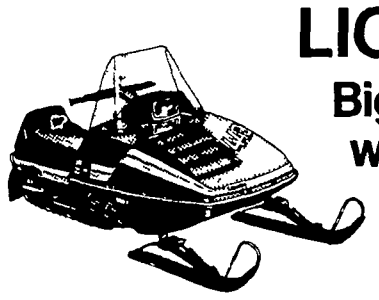

Big-league performance all wrapped-up in a sleek new liquid-cooled package

Turn on the performance, hold down the heat Liquifire features liquid cooling that improves efficiency by reducing heat buildup Reed-valve engine—340 or 440 cc—is front mounted for better handling CD ignition provides sure-fire starts Disc brake gives sure-footed stops Dual Mikuni carbs Wide ski stance Adjustable slide-rail suspension

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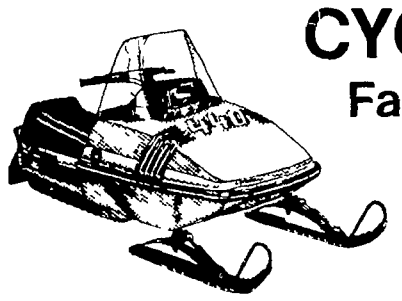

Fan-cooled family machine kicks up a storm on cross-country trails

If stability, handling, and endurance are what you look for in a sled, then the '78 Cyclone is for you This full-size family machine features front-mounted 340 or 440 cc engine for easy handling and a 32-inch ski stance for stability You also get CD ignition for dependable starts disc brake slide-rail suspension and convenient passenger grips in back that make riding double easy

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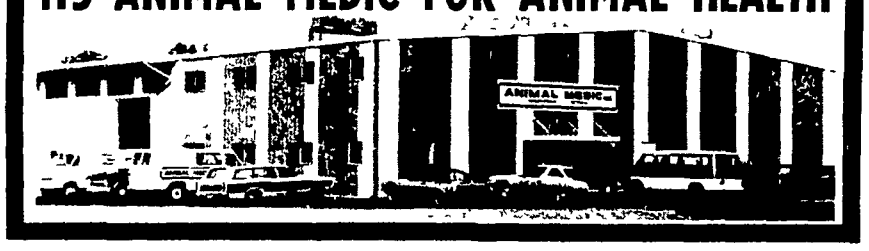

DAIRY ANIMAL HEALTH MEETINGS

FEATURING: **DR. MAX LOWE, DVM**
DIRECTOR OF TECHNICAL SERVICES, ANCHOR LABORATORIES

MONDAY, JAN. 16, 1978
1 P.M.
Bally Fire Hall Basement
Bally, PA

TUESDAY, JAN. 17, 1978
1 P.M.
Refton Fire Hall
Refton, PA

WEDNESDAY, JAN. 18, 1978
1 P.M.
First National Bank Fairfield
Rt. 30, Fayetteville, PA

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NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent
Phone 394-6851

CONSIDER LAND USE

As time goes on, the future use of our Lancaster County farm lands seems to be more uncertain. As a New Years resolution it would be in order for all the residents of this county to become more aware and knowledgable in this area of land use. Our future as a major contributor of food to the world depends on everyone's support of the solution to that problem.

At this time a lot of county residents are talking about the problem of future land use, but few people are becoming actively involved in forming the future Committments come hard and sometimes with personal sacrifice. Eventually we will have a land use policy in Lancaster County – hopefully that policy will be the result of and in the interest of a large number of county residents and not the efforts of and in the interest of a few.

Currently some local governments are taking a hard look at their present, but basically ineffective, laws governing land use. Now is the time for you to get involved, increase your knowledge in this area, and help form a realistic land use policy for Lancaster County.

TO THAW PIPES PROPERLY

The cold windy days of the past few weeks bring back memories of last winters frozen water pipes.

We suggest wrapping the frozen pipes with burlap or rags and keeping them soaked with hot water until the ice melts. You might also try using a hairdryer to blow heated air on the affected area. If you have to use a homeowners propane torch, be sure to have a bucket of water and a large sponge handy to quench the fire should the wall or wood start to smolder.

PLANT TREES

The care and planting of shade trees is a home-property chore that can be

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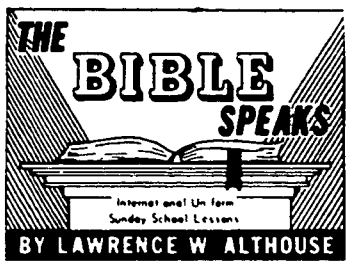


NO MORE FOREIGNERS!

Lesson for January 1, 1978

Background Scripture:
Ruth 1 through 4
Devotional Reading:
Psalms 113

The Book of Ruth is a dangerous book! At least that is the way it was regarded when it first appeared and for a considerable time thereafter. To even the casual reader of the Bible today that may sound preposterous. we all know the Book of Ruth to be an entertaining story of tenderness and devotion. How could anyone regard this story as "dangerous"?

Foreigner from Moab

In order to understand the significance of Ruth, we have to remember that in the day when it was written there was great concern and disapproval over any marriages between a Jew and a foreigner. Such a marriage, it was thought, weakens the religious solidarity and purity of the people of Israel.

It was a day of arrogant nationalism. All foreigners were regarded with fear and contempt by the people of Israel. It was believed that the salvation of Israel lay in keeping free of any polluting contact with pagan neighbors.

Thus, the Book of Ruth descended upon the people of Israel like a bombshell. The heroine of the book is a foreigner--to be more specific, a Moabitess, an alien people who often were bitter enemies. Not only is Ruth the Moabitess the central character of the book, but she is a model of piety and fidelity held up before all Israeli women. To make matters worse, this foreigner had married two Jewish men, Mahlon, Naomi's son who died in Moab, and Boaz of Bethlehem, a kinsman of Naomi. Because of his wealth and position, Boaz was regarded as something of a "marriage catch." How ironic that a foreigner landed him instead of a local girl of Israel.

A boy named Obed

But the most disturbing thing of all about the Book of Ruth was the assertion that this Moabite foreign woman was to become the great grandmother of King David! The great David, according to this radical book, did not come from a racially - pure lineage, but one in which a foreigner played a prominent part. Readers of this book were doubtless scandalized at this thought.

Ruth was a Moabitess, but she might just as easily have been an Ammonite or Egyptian. The point the writer is making is that in the sight of God there is no such thing as a foreigner or alien. The key is not a person's lineage, but their character. In a sense, Ruth was a better Jewess than many of most of her contemporaries. Her life was pleasing in God's sight

Last February I stood on the mountainous heights of Moab (now Jordan) and looked across the Dead Sea to Bethlehem. Thougn thousands of years have passed, I realized that there is still a terrible enmity between the people of Bethlehem and Moab. They are still hostile and regard each other as "foreigners" and "enemies." How long before all peoples take to heart the story of Ruth and learn that in God's sight there are no foreigners at all?

COMMENTS FROM READERS

Why not grow our energy?

Editor, Lancaster Farming:

Food is for people – not profit cry the masses. Can a rational people enslave one segment of our great land to the servitude of the majority? Agricultural products are raw wealth just as coal, oil and gas are. Agricultural produce alone is a perpetually renewable raw wealth. Perhaps the agricultural strike will bring to light the fact that without agricultural purchasing power grass will grow in the streets of America! No other segment of Americans are asked to pay for the privilege of a job; yet the agriculture people have been doing just that and we say it must end!

We agricultural women are saying our men are worth 100 per cent as much as any man in America – not just 65 per cent as parity dictates! We are mad!

We are fighting for the lives of our men; a future for our children and the survival of a nation. We want our husbands by our side to enjoy in the twilight years the fruits of our labor; not to have them dead too soon from fatigue and heartache. Heartache that our beautiful country has been economically ruined by a greed satiated only by the enslavement of a people; suddenly to find an entire nation consequently enslaved forever. The greatest civilization ever to be snuffed out in a short 200 years by the insatiable greed of the masses.

Mrs. Wayne Peterson
Halabird, S.D.

Farmer needs better price

Editor, Lancaster Farming:

With reports of up to half of U.S. farmers facing bankruptcy, I would think that every farmer in the country would be ready to do something to stop the situation. This fact certainly indicates that a proven way to raise farm income should be tried. This situation equals the sinking of the Lusitania, the bombing of Pearl Harbor, and other things that made people realize that tney have to stand up and fight for their rights or else have them taken away.

The farmers need costs of production plus a reasonable profit. Supply and demand will not give the farmers a fair price because the buyers have much more power than any one farmer. Supply and demand would work if the farmers had the same power as the buyers. An individual farmer selling 10 cents over his neighbor is not the answer. I believe that we as farmers have to organize and secure contracts with the processors to establish a fair price for us.

All other segments of the economy are organized but the farmer. Therefore, we are taken advantage of.

Fair prices to the farmer would decrease production if a man could make a living with 30 cows. He would not milk 60 and work the extra hours. This would make more farm jobs available. I think it is wrong for a farmer to do the work of two men and then complain about someone else being on welfare.

We believe that the United States is the most advanced country in history. We also have the strongest labor unions. The method of striking as labor unions do has gained their members great success. The fact that business sets their price by refusing to sell until they receive their price is the way business is done in most parts of the world. Even **Lancaster Farming** would refuse to renew my subscription if I didn't pay the full price. So the farmers who are striking are doing business the way business is done.

Sincerely,
Leland Stanford
Dillsburg, Pa.

Editor, Lancaster Farming:

I am writing in reference to an article entitled "Non-striking farmers have a good cause too."

(Turn to Page 15)

Ag products are raw wealth

Editor, Lancaster Farming:

As farmers, we should be pushing harder to get our government interested in experiments in growing fuel. The advantages are many: 1. No balance of payments deficit; 2. More jobs; 3. Guaranteed adequate fuel, at constant or decreasing prices; 4. Energy independence; 5. Reduced automotive pollution, and 6. Stronger dollar and healthier economy. Looking at it a little more selfishly, it would also put agriculture to work at full throttle furnishing raw materials for processing, and I'm sure we could all bear that burden cheerfully.

This idea really is practical. I am aware of three different approaches, and there may be more:

1. Using plants similar to the rubber tree, or to the common milkweed, we could conservatively produce over two billion barrels of oil on 200,000 square miles of U.S. land unsuited for other crops. This amount is equal to our imports of 1975.

2. Sugar cane, sugar beets, corn, corn stalks, straw, wood, manure-practically any form of organic matter-can be used to make alcohol. Under proper conditions, it gives mileage equivalent to gasoline with no pollution. Even now, in bulk quantites alcohol costs about the same as gasoline - what would increased efficiencies bring?

3. Using just that wood and timber which would result from intensified culling and thinning of our forests and woodlands, we could produce energy in the form of charcoal at least equal to our oil imports. Charcoal has more energy per pound than coal, is much less polluting, and would cost no more - perhaps less - with volume production.

Why does our President and our Congress persist in seeking to perpetuate our dependence on foreign oil, which in effect is leading us down an ever-narrowing alley toward a dead end which everyone knows is there, somewhere? I suspect that all those who are involved with our present oil industry, are applying pressure. Our only recourse is education and publicity - let the public know that there are workable alternatives, and let them know all of the advantages accruing from them. Hopefully, they will care enough to make sure they are tried. Not only could these alternatives greatly affect agriculture, they could affect the very future of this, our beloved country.

Sincerely
Eugene Sellers
Trout Run, Pa.

Careless hunter scorned

Editor, Lancaster Farming:

After reading about the loss of a family horse – possibly by a careless hunter, perhaps this so called sportsman should have his eyes tested. I am sure he could qualify for blind pension.

The Sueck family has made it clear that their land would be posted next year. Many more areas are being posted every year becaused by the so called friend of the farmer takes it upon himself to decide if the farmer's dog, cat, cow, etc, have the right to live.

Posting of land is not only time consuming but costly. It is my opinion that the Pa. State Game Commission should post signs only where hunting is allowed. All other land should be treated as off limits. If the hunters continue to act like they have in the past, the Commission I am sure will not have to purchase many posters.

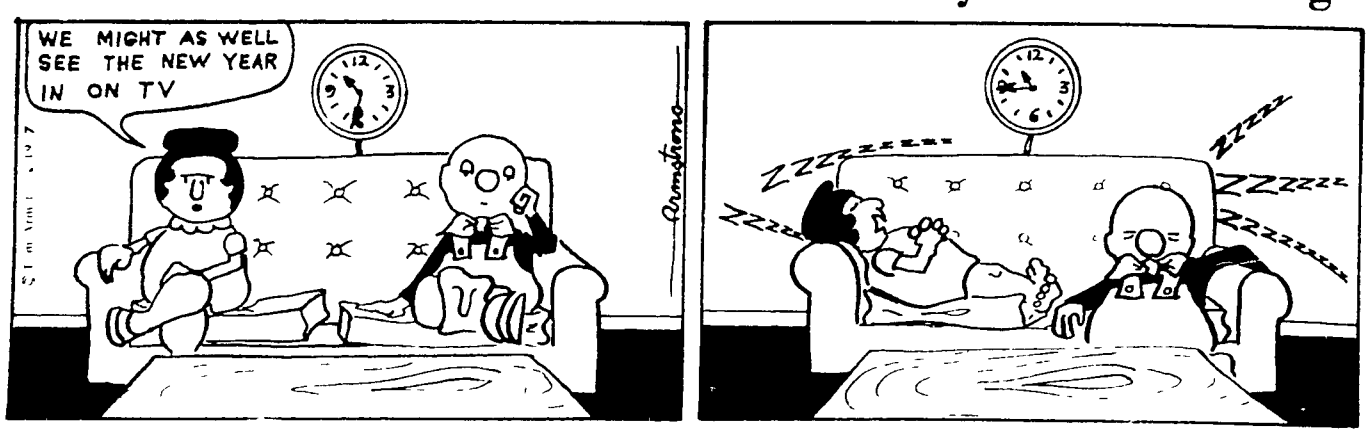
As it stands now the Game Commission makes from $8 and up on each hunter. Guns and ammunition manufacturers make millions of dollars. Also garment manufacturers foot wear, knives plus many other articles which is a part of hunting, make big profits.

Take a good look at this land owners and ask yourself what did you get out of this multi-million dollar deal other than a lot of sorrows and headaches.

As I do not wish to sign my name I do hope that your paper will print the truth as I am sure that I am speaking for a good many land owners.

RURAL ROUTE

By Tom Armstrong



Farm Calendar

Sunday, Jan. 1
Have a Happy New Year!

Monday, Jan. 2

Lower Dauphin Young Farmers meet, 7 30 p.m. Lower Dauphin High School, along Route 322, Hummelstown.

Tuesday, Jan. 3

Farm Income Tax meeting, County Cupboard Restaurant, Lewisburg.

Ephrata Area Young Farmers meeting, Minnesota Farm Records is topic, 7:45 p.m. at high school.

York-Adams County Forage and Small Grains meeting, 10 a.m. at the York County 4-H Center. Topics of interest: sod seeding, weed control, varieties, fertilization

(Turn to Page 15)

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USDA is reorganizing

(Continued from Page 1)

which will place the Packers and Stockyards Aministration under the Administrator of the Agricultural Marketing Service. The American Farm Bureau has been an outspoken opponent of the change, on the basis that its effectiveness will be reduced if it does not continue to operate autonomously. USDA defends the move, however, by emphasizing that the P&SA will continue to operate as a separate entity within the AMS. By combining the P&SA with the AMS, USDA hipes to be able to coordinate programs better a spokesman told **Lancaster Farming** this week.

The reorganization comes about as a result of the 1977 Farm Bill, which authorizes streamlining of USDA functions. The giant agricultural concern presently has 41 separate agencies under its jurisdiction.

Bergland announced proposals for reorganization on Oct. 5 and said that changes should be finalized within 90 days. That deadline comes up on Jan. 3.

In talking about the proposed changes within USDA, the spokesman emphasized that none of the changes are designed to make any of the workings of USDA less effective. He noted that Bergland is himself a farmer and concerned about efficient operations within his Department. The Secretary reportedly welcomes letters from farmers in order to have sufficient input from which he can make his decisions. "He wants to know their concerns and opinions," the spokesman commented.

One of the most outspoken opponents of some of the reorganization within USDA is Senator Herman Talmadge of Georgia. He's chairman of the Senate Agriculture Nutrition and Forestry Committee. In a prepared statement released on Tuesday, the senator charged:

"At the same time that farmers around the country are demonstrating and striking because they feel that they don't get sympathetic attention from Washington, concerted and serious efforts are underway to make the Department of Agriculture a minor agency unworthy even of cabinet status."

Talmadge pointed to the report released by the chairman and ranking minority member of the Governmental Affairs Committee, Senators Ribicoff and Percy. These senators have recommended taking all of the good inspection functions out of the Department of Agriculture and putting them in the Department of Health, Education, and Welfare.

Talmadge pointed out that this comes shortly after the Secretary of HEW Joseph Califano, in a bold and unprecendented stroke, attempted to have the food inspection functions and the nutrition programs transferred to HEW even before the President's reorganization task force had an opportunity to make recommendations on this matter. The Georgia Senator stated, "I find it especially ironic that the Secretary of Health, Education, and Welfare should be attempting to usurp the functions of the Department of Agriculture, when he has more than he can do in managing the HEW. Most people would agree that HEW is one of the worst run bureaucracies in government. Both farmers and consumers can get a fair hearing in the Department of Agriculture. In the HEW, their problems would get lost in the bureaucratic shuffle.

Referring to other attempts to weaken the USDA, Chairman Talmadge stated that Interior Secretary Andrus has made it clear that he wants to capture the Forest Service and the Soil Conservation Service from the Department of Agriculture.

Talmadge pointed out that already the President's welfare reform proposal will take food stamps out of the Department of Agriculture and combine them into a unified income maintenance program.

Talmadge declared, "All farmers and all people interested in agriculture have a vital interest in seeing a strong Department of Agriculture maintained. While they might differ with some of Secretary Bergland's policies and while the Secretary may be constrained by his budget, and other considerations from doing everything he would like to do for farmers, no one can deny that he is totally sympathetic to farmer and producer interests and that he has done everything he can to enhance those interests. Furthermore, I have been especially pleased with the way that the Secretary has attempted to build a broad coalition of farmers and consumers and to bridge the gap of understanding between farmers and their customers. Any dismemberment of the Department of Agriculture would stop this effort dead in its tracks."

Talmadge added, "While farmers may not like dealing with the Department of Agriculture in some respects now, I think they would agree that the Department of Agriculture is much more sympathetic to their interests and much more practical than is the Occupational Safety and Health Administration, Environmental Protection Agency, or some of the other regulatory agencies."

"Already, many of the regulatory decisions that effect farmers are made by agencies which have no farm constituency and no real farm interest. If current attempts to break up the Department of Agriculture succeed, just about all of these decisions will be made in an agency unfriendly to farmers."

Talmadge says "With farmers comprising only four per cent of the population, it would be impossible to secure the passage of meaningful farm legislation if we allow the USDA to be stripped of all functions except direct price support payments. Yet, this is the very direction that certain Cabinet members and powerful figures in Congress are now taking."

Talmadge said, "The alarming thing about all of these attempts to slice up the Department of Agriculture is that they have strong support both among certain urban members of Congress and in the President's reorganization team. The fact that the Governmental Affairs Committee, which has jurisdiction over reorganization of the executive branch, has already made up its mind to strip important functions out of the USDA, means that we will have an uphill battle to preserve a strong Department of Agriculture."

Referring to the fact that former President Nixon once recommended abolishing the Department of Agriculture, Talmadge said, "It is apparent that many of the same people who recommended abolishing the Department of Agriculture under former President Nixon are still on the job and they haven't changed their minds."

Talmadge stated that Chairman Foley of the House Agriculture Committee and he had joined in writing a letter to the president objecting to any transfer of the Forest Service and the Soil Conservation Service.

Chairman Talmadge announced that the dismemberment of the Department of Agriculture would be the first matter to be discussed by the Committee on Agriculture, Nutrition, and Forestry when the next session of Congress convenes in January.

Talmadge concluded by saying, "I, for one, do not intend to sit idly by while this raid on the Department of Agriculture is being conducted. I am appalled that certain people in the executive branch and the Congress are literally falling over themselves to see how many functions they can yank out of the USDA. I hope that farm organizations all over the country and all those who believe that a strong Department of Agriculture is essential to a stable food supply will support my effort to save the Department of Agriculture."

"I call on the President to reject the false logic of those of his advisers who want to demolish the USDA. I hope he will make a strong public commitment to maintain and strengthen the Department of Agriculture."

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Looking for ways to cut on down on out-of-pocket feed costs without cutting down on milk production?

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Dairy Day slated

NEWARK, Del. -- Delaware dairymen should mark January 25, 1978 on their calendars. That's the date for Delaware Dairy Day this Winter. The meeting, which is sponsored by the Delaware Cooperative Extension Service, will take place at the Sheraton Inn, Route 13, in Dover. The program starts at 10 a.m. and lasts until midafternoon. All dairymen and their wives are encouraged to attend.

Program features at the one-day event will include discussions on how Federal Law 208 affects dairy farmers, pollution abatement designs and assistance, and fly control programs. There will also be presentations on calf hutches and what type of roughage system works best.

A buffet luncheon will be served at noon. Tickets cost $5 and are available from county extension offices in Newark, Dover and Georgetown.

FDA food inspection proposal shocks USDA

WASHINGTON, D.C. – A surprise move by the Food and Drug Administration to take over food inspections has USDA, and particularly Secretary Robert Bergland, upset. In a report released Dec. 23 by the United Egg Producers, the controversy is causing a heated dispute in the nation's capital.

According to the UEP release, two powerful seantors – the chairman and the ranking minority member of the Senate Governmental Affairs Committee – this week issued a report supporting the transfer of food regulatory functions of the U.S. Department of Agriculture to the Food and Drug Administration (FDA), a division of the Department of Helath, Education and Welfare (HEW).

Senator Abraham Ribicoff (D.-Conn.) and Senator Charles Percy (R.-111.) also recommended upgrading the FDA within HEW by taking it out from under HEW's Public Health Service. In a joint statement the two seantors said that FDA should have final authority for decisions regarding the safety of food and drugs with the HEW Secretary proposing rules and setting deadlines for FDA action.

The Governmental Affairs Committee report follows closely a report by HEW Secretary Joseph Califano to the General Accounting Office recommending the transfer of jurisdiction of food inspection and grading programs from USDA to HEW. This report caught USDA unaware and brought immediate response from Secretary of Agriculture Bob Bergland. He ordered his Department to prepare a "paragraph by paragraph" response to the HEW recommendation -- indicating that USDA will fight to keep its authority over food inspection programs.

At stake are regulatory programs governing meat, poultry and eggs, including both inspection and grading. Labeling of foods is an issue favoring the HEW position.

The Committee report, issued by Sen. Ribicoff, said: "Divided responsibility for regulating food production has resulted in a regulatory program which is often duplicative, sometimes contradictory, undeniably costly and unduly complex."

The move is seen to have good possibilities in the President's government reorganization program. The HEW move came without notice and without USDA's knowledge. It has been suspected by many observers in Washington thatUSDA would make a move to incorporate the functions of FDA's Bureau of Foods into the Department of Agriculture. The offensive by HEW will now put USDA on the defensive.

For the proposal to become effective, several pieces of currently existing law will have to be amended. Each of the inspection and grading programs currently authorize the Secretary of Agriculture to administer the programs authorized by the legislation.

PFA meeting set to discuss members' needs

LANCASTER – Pennsylvania Farmers Association members will have the chance to voice their opinions concerning the needs of the organization on January 3. At that time, a meeting will be held at the Farm and Home Center, 1383 Arcadia Road, Lancaster, in which officials of the organization will listen to members' ideas on what their needs will be in 10 years and PFA's ability to meet these needs.

All members are encouraged to attend and bring their opinions. Time is 1 to 5 p.m. and 6 to 8 p.m. on Tuesday.

Rolling Along

Omaha, Nebraska, hosted the first national Log Rolling Championship back in Sept , 1898

Wishing you a Happy New Year Bright with blessings from above, Filled with things that truly matter; Peace - Contentment - Joy - and Love.

R. S. HOLLINGER & SON, INC.
Mountville, PA

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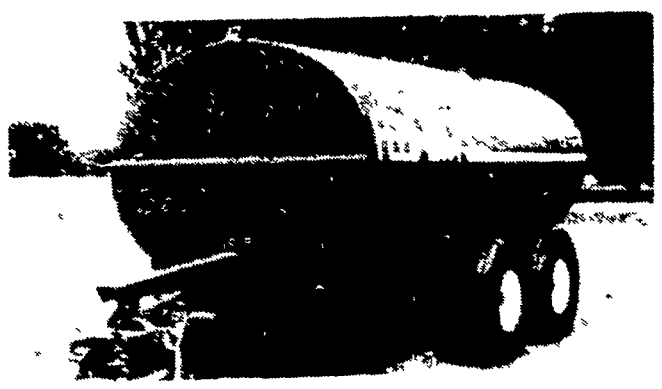

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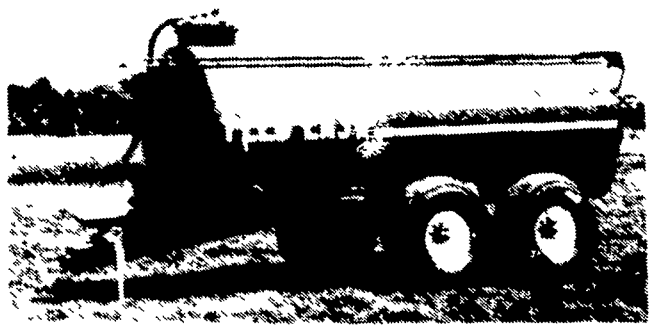
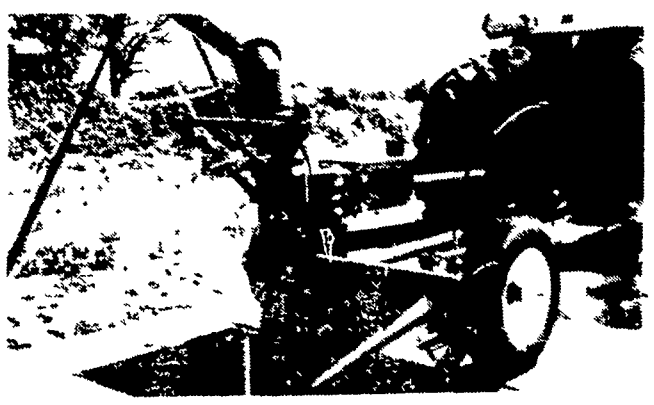
Hog Farmers take notice! The FEED EASY Vacuum Liquid Manure Spreader is the clean, efficient and modern answer to waste disposal problems. Available with both side and rear parts for convenient filling The pressure pump is mounted outside the tank where you can get at it.





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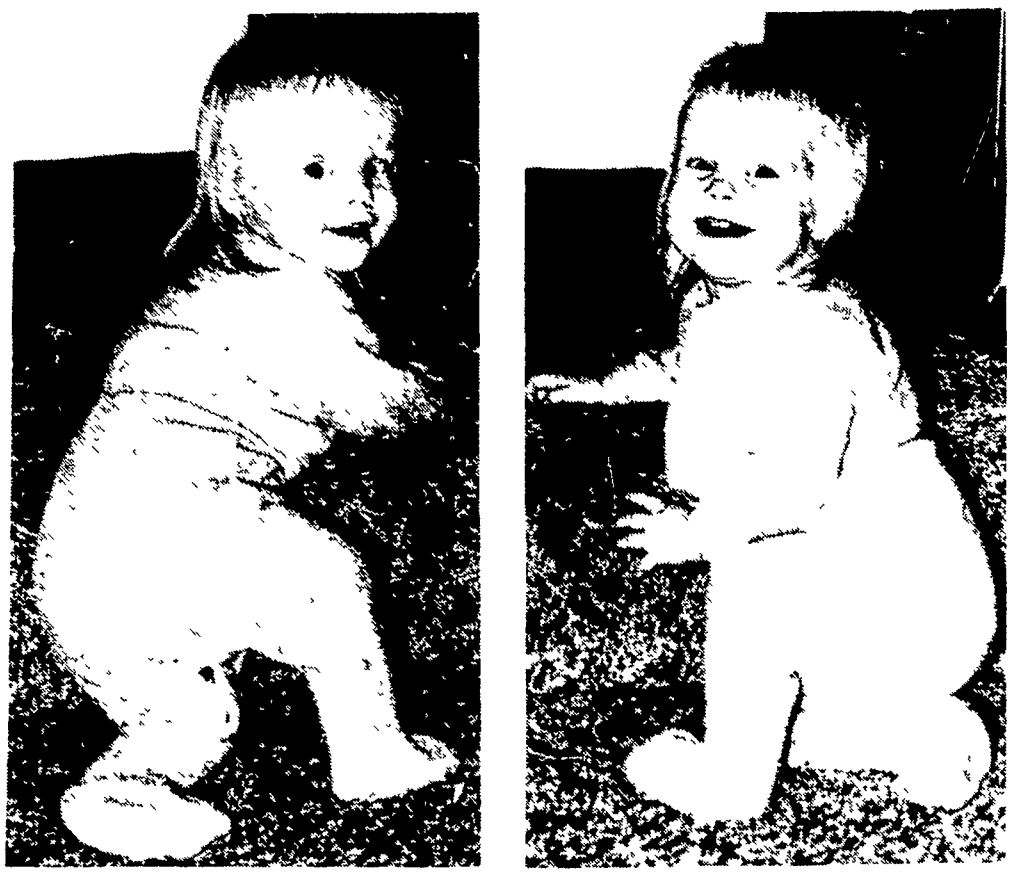

"Catch me if you can, Daddy!"

Even though I've been married for over six years, I'm dating regularly again

I have a dinner date at least once a day with a cute, blue-eyed blonde She sits on my lap and we joyfully share the food on the table One bite for her, one bite for me, and so on until we're both satisfied

The girl I'm "dating" never holds back with her emotions At the very moment she sees me walk into the room, she just about explodes with enthusiasm She squeals a bit, her arms and legs flail about and she looks at me with the brightest, warmest smile anyone could imagine I can tell she loves me

Her happiness in my arms is almost never ending The delight in her eyes fades only when it's time to go to sleep She's perfect

But her table manners are shameful.

A girl with a good appetite, she reaches for anything in sight If it's half way across the table, that doesn't matter at all If she can't reach it, she merely leans over far enough until she can slide unto the table and on towards the goodies If I'm not careful, she'll grab my food too

With that kind of an appetite, you'd suspect she could cook, but she can't However, she gets as far as getting the pots and pans out of the cupboards In fact, she kind of likes to do that, despite her mother's disapproval She has two brothers who don't think much of the idea either, since the utensils strewn across the floor get into the way of trucks and trains that circle the kitchen table

And you should hear the terror in her brothers' hearts when they completed building a castle or bridge and then see it destroyed. The complaint that's heard around the house then is nearly always

"Mommy, I don't like Heidi no more never again forever all day!"

Heidi never quite understands that and just looks on in wonder at the disappointed faces and tumbled blocks

Two-foot-two, with big, round eyes of blue, Heidi is my precious little girl Her evenings with me aren't ever too long We've been seeing each other for a year now

—DIETER KRIEG

Program announced for no-till conference

COCKEYSVILLE, Md. – A nationally known feed and grain trade official, technical service manager for a leading agrichemical company, and a research agronomist for the University of Delaware will highlight the afternoon program at the fourth annual Mid-Atlantic No-Till Conference.

The one-day event is set for Jan. 5 at the Hunt Valley Inn near here, just off U.S. highway I-83, five miles north of the Baltimore Beltway (I-695). At least 1,000 crop farmers and agribusiness respresentatives from a six-state area are expected to attend.

The day's activities will get under way at 9 o'clock. First on the morning program will be a non-commercial slide tape presentation showing scenes from Mid-Atlantic agriculture.

Finishing out the morning session will be a panel presentation by selected farmers and agribusinessmen on the topic, "Practices Which Reduce Weed Problems in No-Till Corn."

The line-up of afternoon topics and speakers is as follows: "No-Till Corn Insects" – Dr. Armand L. Padula, technical service manager for the northeast agricultural chemical group of the FMC Corporation. His office is located at Lockport, N.Y.

Although an Easterner by birth, Dr. Padula spent several years in the Midwest corn belt as a field research biologist for FMC. He is a trained entomologist with 20 years of laboratory and field experience.

"Supplying Nitrogen to No-Till Corn" – Dr. Merle R. Teel, professor of agronomy in the plant science department of the University of Delaware at Newark. Dr. Teel grew up on a livestock and cash grain farm near North Platte, Neb. He holds academic degrees from the University of Nebraska and from Purdue University. His teaching experience has ranged from four years as an elementary school teacher in his native state to directing research projects of graduate students at Purdue.

"How Farmers Can Improve Their Strength in Marketing" – Clarence D. Palmby, vice-president for public affairs with the New York City office of the continential Grain Company. Palmby is a native of southern Minnesota and a graduate of the University of Minnesota. His professional background includes two stints as a feed grain program administrator with the U.S. Department of Agriculture and an eight-year term as executive vice-president of the U.S. Feed Grains Council.

Tickets for the noon luncheon cost $2 apiece this year. Limited quantities may still be available at County Extension offices in Delaware, Maryland, New Jersey, Pennsylvania, Virginia and West Virginia.

Grange meets

VIRGINVILLE – The Virginville Grange met December 21 with Santa Claus giving gifts and peanuts to those present. It was announced at the meeting that a deposit should be made by January 9 by all those who plan to go on the bus trip to Wheeling, Va. April 1 and 2.

The next meeting of the grange will be January 4, with the program being ladies' night. Men's night at the grange will be January 18.

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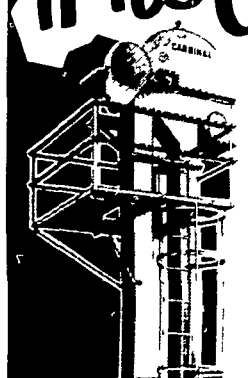

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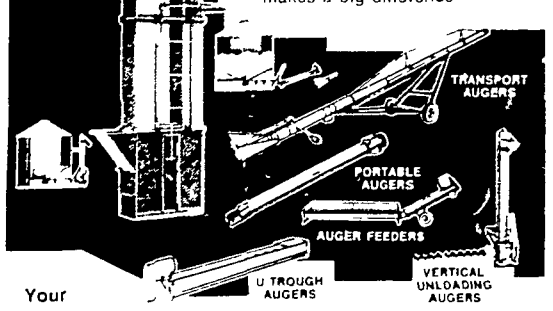

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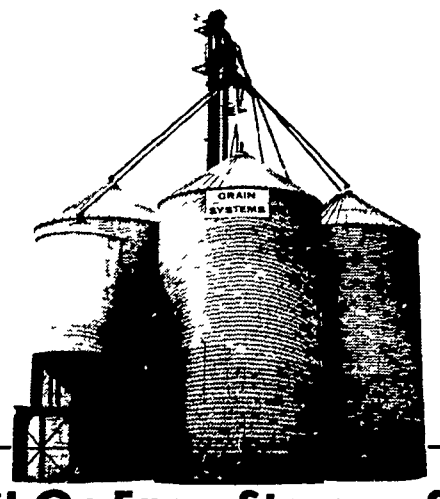

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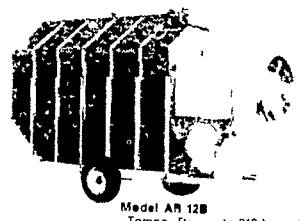

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New USDA science agency is taking shape

WASHINGTON, D.C. – The nation's food and agricultural science programs, now being conducted by four U.S. Department of Agriculture agencies, will be merged into one in January, says Secretary of Agriculture Bob Bergland.

The new Science and Education Administration will be created by the merger of the Agricultural Research Service, Cooperative State Research Service Extension Service and National Agricultural Library.

"The new agency is being created to make our research, extension and teaching in the food and agricultural sciences more effective," Secretary Bergland said. "Among the agency's responsibilities will be to coordinate, plan and provide support for these functions and make them responsive to local, state, regional and national goals."

The Science and Education Administration will become official when a notice is published in the Federal Register, now planned for early January.

M. Rupert Cutler, assistant secretary for conservation, research and education, said his deputy assistant, James Nielson, will be acting director of the agency until a permanent director is selected.

No basic change in the field structure for federal research is planned at this time.

Dr. Cutler said he and other department officials have discussed the merger and the impact it will have on the nation's research and information delivery systems with officials of many groups. "We will continue to seek public suggestions on the merger," he said.

"With the change we will be able to better identify and complete work on high priority national objectives in the food and agricultural sciences and initiate special projects to meet those objectives."

"Moreover, these changes will reduce the overlapping of work. It will help the smooth operations between land-grant and other universities and the department. I'm confident it will help the department remain the lead agency for agricultural science and education," Dr. Cutler said.

Dr. Thomas B. King, associate director of the Pennsylvania Cooperative Extension Service, told **Lancaster Farming** he believes the reorganization within USDA will be for the betterment of programs and services offered by the Extension Service and related agencies. He sees no significant disadvantages to the program and assures that Extension programs will continue to operate as they have before. If anything, available programs are expected to be more readily available and dispersable.

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Farmer needs

(Continued from Page 10)

No one around my area or any area I have worked was asked if he would want 100 per cent parity, so why do you choose to treat parity as something that shouldn't be used?

Parity is simply the ratio between what the farmer receives for his goods and what he should receive for his goods to be equal with other businessmen around him. What is wrong with a farmer receiving 100 per cent of what is due to him? Why shouldn't he receive just as much as any other businessman?

As for the government helping the farmer, there is some help they could give him and that is to stay out of his business. The government is doing all it can to hold down farm prices while letting others like oil go sky-high. This is why many farmers are looking for them to do something to help instead of hurt farmers. They can do it, so don't kid anyone about that.

Supply and demand has been replaced by supply and control. Whoever controls, gets the price they want. Even when the farmer is losing his shirt, everyone from the farmer up is making out just fine. Why? Because they have a price which includes cost of production plus a profit or once again 100 per cent of what they feel is due them.

One other thing before I close. The main reason you do not hear of many farmers here in Pennsylvania going on strike is because of the job market. Just how many farmers here have off-the-farm jobs to subsidize their low farm income? Most of the farmers here drive a school bus, which pays real good. Or they have other jobs off the farm. In the Midwest off-the-farm jobs are hard to come by

You either make it on the farm or you don't make it. Whether or not these farmers get everything they're asking for, don't write off the fact that farmers should and can get 100 per cent of parity. All that is due to him. If very many go bankrupt, like your article on page 24 said, the small farmer will be replaced by giant farms run by big business and who will be the big loser? You won't have to mention parity then. They will have at least 100 per cent parity by then. You can count on that.

Yours truly,
Jack Clark
New Hope, Pa.

4-H holiday party held

GREENCASTLE – The Franklin County 4-H Baby Beef Club recently held their Christmas Party in the Community Room at the Citizens National Bank, Greencastle, Pa. It was attended by 50 members and parents along with County Agent William Reagan and leader Ralph Dice.

The club discussed new rules and by-laws for the up coming year. Each member helped trim the Christmas Tree by putting an ornament on when the roll was called, and told of his 1978 project steer. Games were played, and each member exchanged a Christmas gift.

Holiday refershments were served by Mrs. Donald Upperman, Mrs. Berlin Stull, Mr Paul Donough and Mrs. Clifford Lehman.

New members are welcome to join the club. The next meeting will be held January 19, 1978, with elections being held for officers for the coming year.

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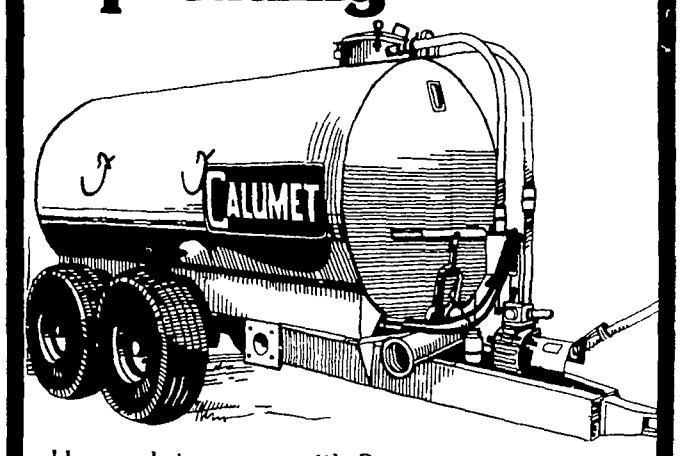

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Farm Calendar

Continued from Page 10

and hay preservatives. Turn right off Route 30 at east side of the quarry in Thomasville. Go to stop sign, turn left and then take the first right.

Wednesday, Jan. 4

Lancaster County Corn and Tobacco Show, Farm and Home Center, 10 a.m. to 3 p.m.

Lancaster County Conservation District directors meet at the Farm and Home Center, 7:30 p.m.

Hunterdon County (N.J.) board of agriculture meets at the Extension Center, Flemington, 8 p.m.

Thursday, Jan. 5

Mid-Atlantic No-Till Conference, Hunt Valley Inn, Cockeysville, Md.

Pennsylvania Young Farmers officers meeting, Host Town Inn, Lancaster.

New Jersey pesticide applicator training and certification test, Somerset County 4-H Center, Milltown Rd., Branchburg Twp. 7:30 p.m.

Pesticide license class held by Blue Mountain High School Ariculture Department for adults. Sponsored by Young Farmers. Meeting begins at 7 p.m

Sunday, Jan. 8

Competition underway at the Pennsylvania Farm Show

Poultry disease

(Continued from Page 1)

flock owners should take the following precautions.

There is a need for all poultry house doors to be kept locked, absolutely. This is done so that the flock owner can control who enters his poultry houses.

Poultry servicemen and others should stay out of buildings and restrict their visits to the porch or kitchen of the farm house. This will help in reducing the chances of spreading the disease.

Hired help and weekend caretakers should have no backyard poultry at home. This could create a real danger.

Crates of travelling poultry buyers should be kept off the farm unless they are obviously clean and disinfected. Disease-carrying crates is an increasing hazard among small flocks state-wide.

There are several important reasons why LT exists and is being spread in Pennsylvania. Many factors must be considered by poultrymen when trying to prevent the disease.

Reasons include: the existence of normal looking survivor but LT carrier chickens in many small backyard and commercial flocks scattered throughout Pa. and other states; the breakdown in security of some poultry farms where labor is exchanged between farms or where friends, relatives, servicemen, salesmen, pets, visit from farm to farm and poultry house to poultry house; the practice of allowing a few chickens that escape depopulation to stay on the premises of commercial farms; the dangerous disposal of fead birds by throwing them out on fields; the placing of undisinfected poultry hauling crates onto farms for later pick-up by travelling buyers and haulers, and the poor control of rats, mice, and wild birds.

Movement of LT virus contaminated egg filler flats from infected to susceptible flocks and poor LT immunity due to carelessness or shortcuts in vaccine administration are factors that also appear to be involved.

To further prevent LT, poultrymen should take the following measures:

All backyard and fancy or bantam chicken flocks where some birds are kept over from year to year should be regularly vaccinated against LT. This should become a routine procedure repeated once and preferrably twice annually with eye drop administered LT vaccine.

Poultrymen, besides, locking their poultry house door, should put up signs that will detain all visitors, such as, salesmen, servicemen, (plumbers, meter readers, exterminators, repairmen, tenants, etc., tec.) - until can one personally be certain that their presence in or near the flock is safe. One should be certain that the caretaker's home flock is healthy at all times. LT virus can survive and spread from farm to farm on human hair and clothing. Stray chickesn, dogs and cats should be kept off the farm.

In commercial flocks one should make certain that no survivors are left over when the old birds are finally sent to slaughter. Also, any bantams or pet chickens should be eliminated from commercial chicken farms. Workers on commercial farms should be strongly discouraged from keeping backyard or hobby chickens at home.

Chickens that have recovered from LT may look perfectly normal but just one left-over LT carrier chicken can still spread the disease two years after it was first infected. One should make sure no such walking bombs threaten the farm income.

A farmer should construct a disposal pit or purchase and use an incinerator for dead birds. If this is not possible, he can arrange for dead bird pick-up by a local rendered who may service others neighbors in the community. Hauling to a properly operated official sanitary landfill is acceptable but only as a last resort if the other safer methods cannot yet be arranged.

Allow no hauling crates or coops on the premises until they have been thoroughly cleaned and disinfected or until one can be very certain that they have not carried birds with any history of LT. One should never never allow any crates on the farm that may have been used by auctions or travelling poultry buyers until he is absolutely sure that they have been thoroughly cleaned and disinfected.

Poultrymen should step up the control of rats and mice and wild birds. These creatures can carry LT virus into poultry houses on their fur and feathers. One can contact his county agent or professional exterminator for guidance Wild birds would be screened out.

One should use only cleaned and disinfected filler flats or new, unused fiber flats if marketing eggs through a dealer. Farmers do not want filler flats in laying houses that might have been contaminated with LT virus on another farm.

Farmers should strengthen the immunity against LT in chicken flocks if it is near or associated with outbreak areas. Strong, dependable immunity can be obtained with LT vaccines only if they are carefully administered in full accord with manufacturers instructions. One should obtain veterinary professional guidance or assistance in selection and use of LT vaccomes. LT immunization requires greater care and percision in administration for success than is ordinarily required for Newcastle and brochitis vaccinations.

It is important for poultrymen to remember that LT carrier birds will most probably be in the Lancaster Farming area for many years in the future, and each of the steps mentioned need to be continually followed in the years to come.

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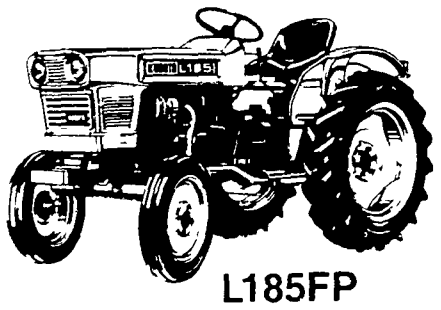

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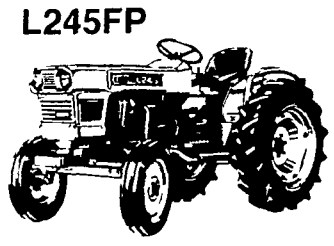

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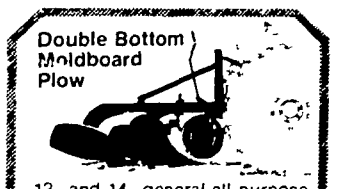

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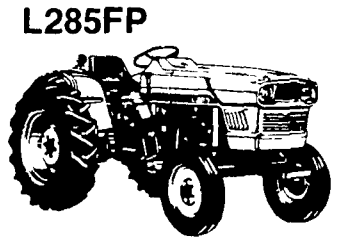

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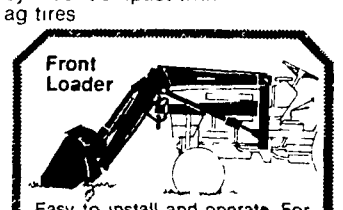

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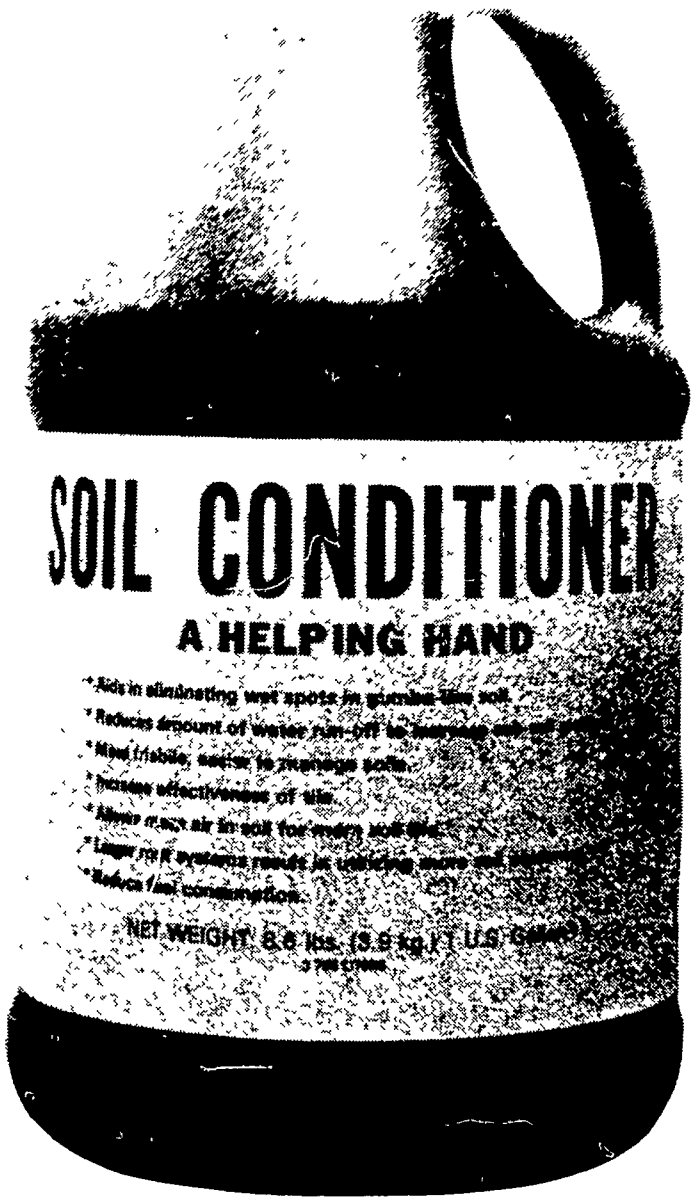

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'78 pork production looks good, says specialist

DOVER, Del. – Pork production in the U.S. this year is up by about 10 per cent over 1976 and the outlook for both producers and consumers is promising, reports University of Delaware Extension marketing specialist Carl German. Hog farmers, who began increasing their output a year ago, experienced a temporary setback due to bitter weather and disease last Winter, but farrowings for most of 1977 have been up considerably over a year ago.

Total commercial pork production for 1977 should reach a little over 13 billion pounds. In August, hogs slaughtered in Maryland and Delaware numbered 27,000 head, up 22 per cent from July and 30 per cent more than a year ago. The September hog kill was also up about six per cent over last year.

Barrow and gilt prices reached a seasonal peak this Summer but declined in the Fall to a little under $40 per hundredweight (cwt.). German predicts the 1977 annual average price for finished hogs will be near $40 per cwt. – about $3 below the 1976 average.

Retail prices for pork, which averaged $1.34 per pound in 1976, dropped to $12.5 per pound in 1977 as a result of the increased output.

"Depending on production and the demand for pork," says German, "we're liable to see average retail prices of $1.18-1.22 per pound for all of 1978." This would be good news for consumers, especially in the light of predicted rises in the cost of beef over the same period.

Per capita consumption of pork at 62 pounds for 1977 was 2.4 pounds higher than the amount consumed in 1976 and 5.9 pounds above the low consumed in 1975. Such shifts in consumption directly reflect changes in retail prices for this and other meats, explains the economist He expects 1978 pork consumption to average between 67-71 pounds per person This would bring us back up to the 69.1 pound level consumed in 1974 – the last time pork was plentiful

Good news for swine producers is that feed costs during 1978 are expected to be below what they've averaged for the past few years Corn prices can be expected to rise from their late Summer and early Fall lows, however, and when this happens, feeding costs will increase

"If hog prices decline during 1978 as expected, hog producers could find their profits squeezed, particularly during the second half of the year," cautions the economist

If September farrowing intentions are carried out, pork production during 1978 could be up by as much as 10 to 14 per cent or more over this year

Reason for the projected production increase is a favorable hog-corn ratio

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CONSUMPTION	1974	1975	1976	1977	1978
Beef	116.8	120.1	129.2	125.5	118-122
Pork	69.1	56.1	59.6	62.0	67-71
PRICE PER POUND					
Beef	138.8	146	138.9	138	143-147
Pork	108.2	135	134.3	125	118-122

This ratio, which is the relation between corn prices and hog prices, is one of the main causes of cyclic changes in swine production.

Last Summer the hog-corn ratio was 20-1, a very good ratio for hog producers and one which has encouraged them to increase production. There's a large carry-over from last year, which means the price is likely to level out at a favorable rate for thw swine producer

Under the circum stances, German says hog armers are likely to go thr ugh with their intentions to increase farrowings during December-February. This suggests large increases in second half of 1978 pork production.

The larger pork supplies are expected to result in lower market prices. By next Fall, pressue from these larger supplies could cause prices to drop below $30 per cwt. Considering these factors, German says an annual average of $31 to $34 per cwt. for finished hogs is likely next year. How much of a squeeze this puts on producers will depend on what happens to the price of grain.

USDA tries to convince consumers of their important stake in agriculture

EDITOR'S NOTE: The following was prepared by the U.S. Department of Agriculture.

Our agricultural assets are in the hands of farmers It is up to them to take care of these valuable resources and make them more productive The key to the success of meeting the demand of future populations for food and fiber is in their hands

There is just over a billion acres of farmland in the United States That is an average of five acres per person So, each of us depends on five acres of land for our food and some of our clothing and lumber

How much is five acres? Well, the playing boundaries of a football field cover just over an acre So, five acres is slightly less than five football fields But the 5 acres you depend on aren't all flat and suited to be cultivated for growing crops Just over two of the football fields - 2 2 acres - are cropland

It takes 37 gallons of fuel and 185 kilowatts of electricity to produce the food and fiber on your five acres of farmland Any interruption of this flow of fuel and power can affect your food supply

Your five acres has a one-fifth interest in a beef cow, and a one nineteenth interest in a dairy cow Somebody must take care of those animals It is important to you that the person who is tending those animals sees that he can make some money doing it, or else you will be the one who suffers from a restricted supply of meat milk, cheese and other dairy items

A farmer has to spend about 26 hours per year working on that five acres to produce your food and fiber It's hard work and takes a lot of skill It is important to you that he has enough incentive to do it, and do it well

A farmer has an investment of $2,294 in physical assets in that average five acres that grows your food and fiber The farmer has made the investment because he wants to make a profit taking care of that investment and the five acres For this, you, as an average consumer, would pay the farmer $427 54 last year He gets about 40 cents out of each dollar you spend for farm-produced food

The farmer used that $427 54 to pay $353 17 in production expenses That left $74 37 for the farmer who took care of the 5 acres, and who took care of the one-fifth interest in the beef cow and the one-nineteenth interest in the dairy cow How much is $74 37? Well, a 3½ per cent return on the $2,294 investment in physical assets made on your behalf is $80 29 So, the farmer who was looking after your average five acres of land didn t get back quite 3½ per cent cash on his investment -- and he threw in his labor If you put $2,294 in a savings account -- where there is no risk - you'd be rightfully upset if you didn't receive at least a five per cent return of $114 70 on your investment at the end of a year

Since you depend on that five acres to sustain your life you have a big stake in seeing that the farmer tending your five acres has the equipment supplies the know how and incentive to do the job

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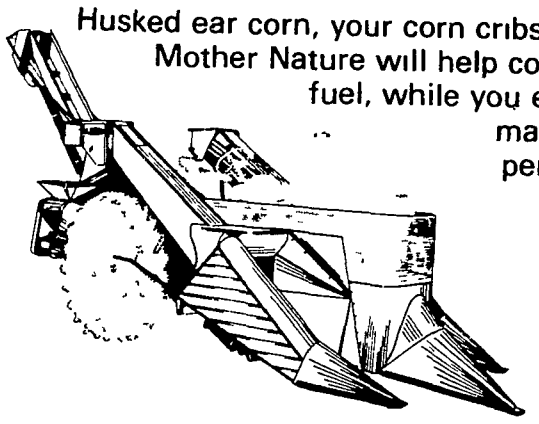

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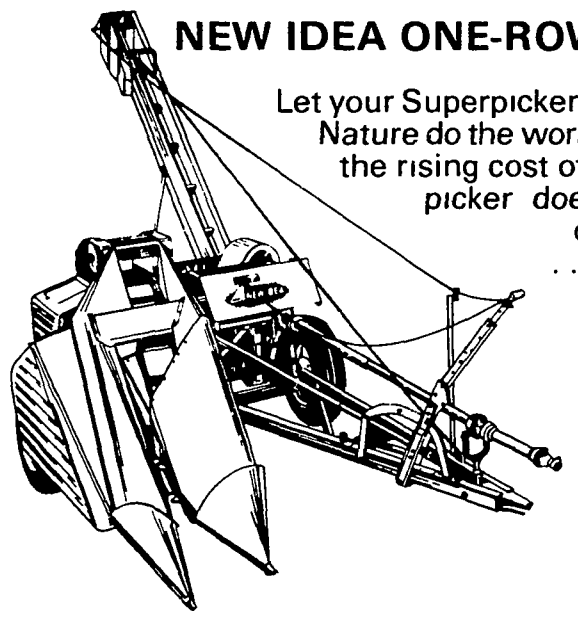

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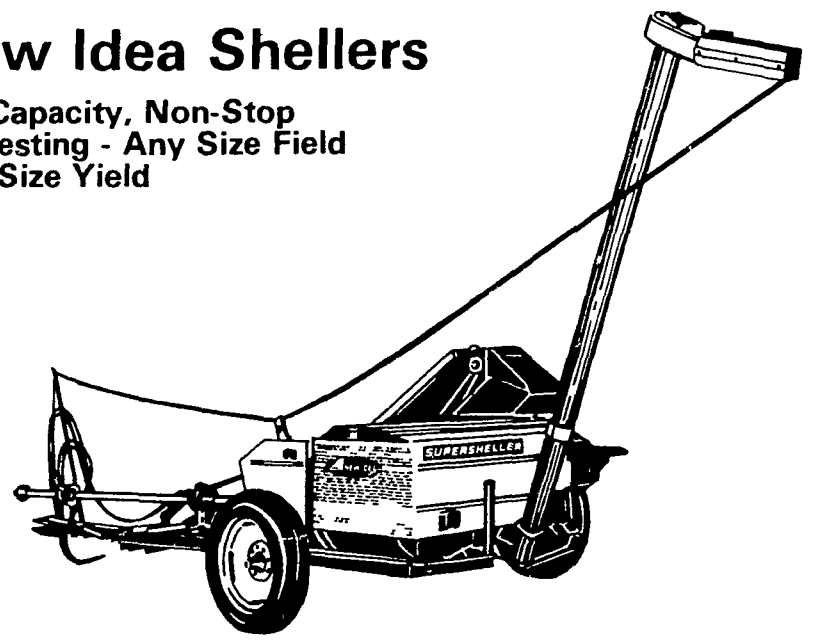

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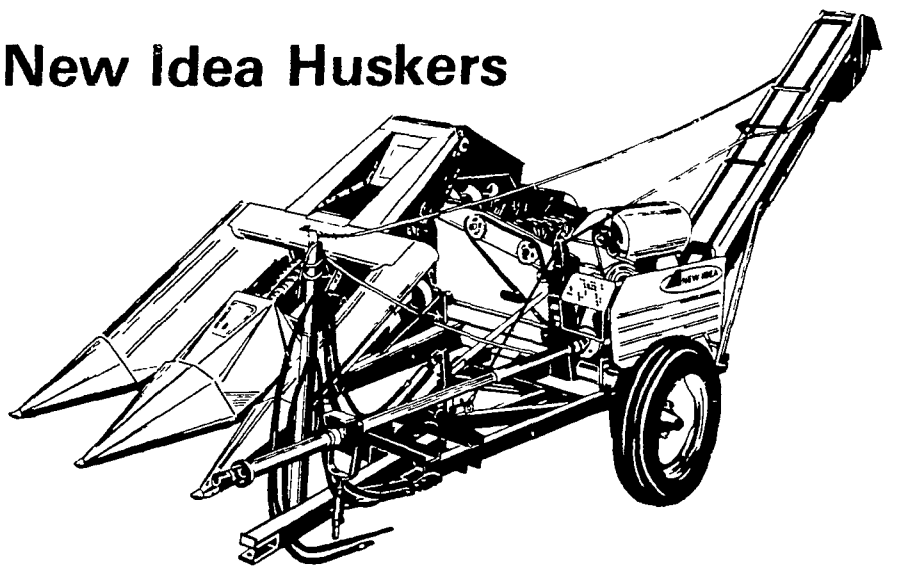

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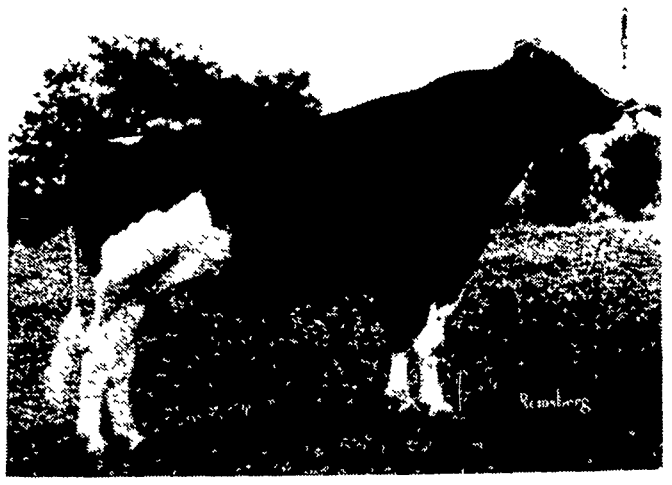
15H123 Whittier-Farms Apollo ROCKET--GP & PQ

1,851 Daus in 815 Herds Ave	17,810M	3 5%	618F
Pred Dif (99% rpt)	+2,091M	+$161	+40F

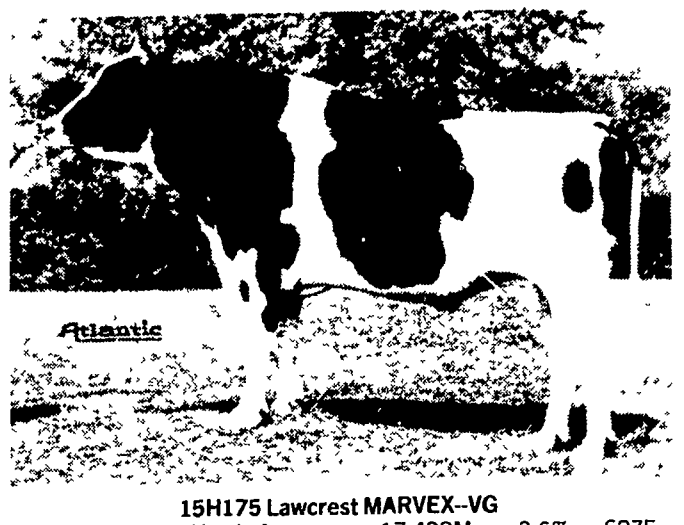
218 Classified Daus Ave 77 2 (act) 79 0 (age-adj)



15H180 Le-Del Ideal SUPERIOR--GP

34 Daus in 29 Herds Ave	17,748M	3 4%	605F
Pred Dif (58% rpt)	+1,489M	+$109	+24F

(no official type summary to date)



15H175 Lawcrest MARVEX--VG

55 Daus in 45 Herds Ave	17,498M	3 6%	627F
Pred Dif (69% rpt)	+1,292M	+$110	+34F

(no official type summary to date)

15H170 Vincent-View Molly CHIEF--VG & PQ

116 Daus in 82 Herds Ave	16,896M	3 5%	594F
Pred Dif (82% rpt)	+1,078M	+$69	+8F

(no official type summary to date)

15H157 Diamond-S Pietje STANDOUT--GP & PQ

120 Daus in 84 Herds Ave	16,885M	3 5%	585F
Pred Dif (86% rpt)	+1,415M	+$93	+13F

26 Classified Daus Ave 78 2 (act) 79 9 (age-adj)

15H120 Harrisburg GAY Ideal--EX & GM

5,883 Daus in 1,601 Herds Ave	17,020M	3 6%	611F
Pred Dif (99% rpt)	+1,069M	+$90	+27F

1,060 Classified Daus Ave 79 2 (act) 81 2 (age-adj)

15H103 Penstate IVANHOE STAR--VG & GM

16,316 Daus , 3 203 Herds Ave	16,356M	3 7%	613F
Pred Dif (99% rpt)	+1,025M	+$104	+42F

4,487 Cl Daus Ave 79 9 (act) 81 0 (age-adj), 60 EX

15H165 Producers Skylark COMET--GP & PQ

404 Daus in 161 Herds Ave	17,367M	3 6%	630F
Pred Dif (91% rpt)	+1,182M	+$111	+40F

16 Classified Daus Ave 74 9 (act) 76 8 (age adj)

15H250 Coldsprings Astro BOOTLEG--VG & PQ

21 Daus in 3 Herds Ave	21,560M	3 1%	679F
Pred Dif (30% rpt)	+1,043M	+$63	+5F

19 Classified Daus Ave 82 2 (act), + 45 PDT

— GUERNSEY —

3G145 Kellogg Minnies CHOICE --GS

91 Daus in 40 Herds Ave	11,417M	4 4%	508F
Pred Dif (79% rpt)	+1 303M	+$131	+52F

36 Classified Daus Ave 76 2

15G106 Edisto Farms FAVORITEs Bonus

55 Daus in 29 Herds Ave	11 335M	4 3%	484F
Pred Dif (73% rpt)	+1 159M	+$98	+30F

15 Classified Daus Ave 77 1

7G126 Sande-Hill DOUBLE EMORY - GS

896 Daus in 278 Herds Ave	11 833M	4 3%	514F
Pred Dif (97% rpt)	+1 192M	+$95	+26F

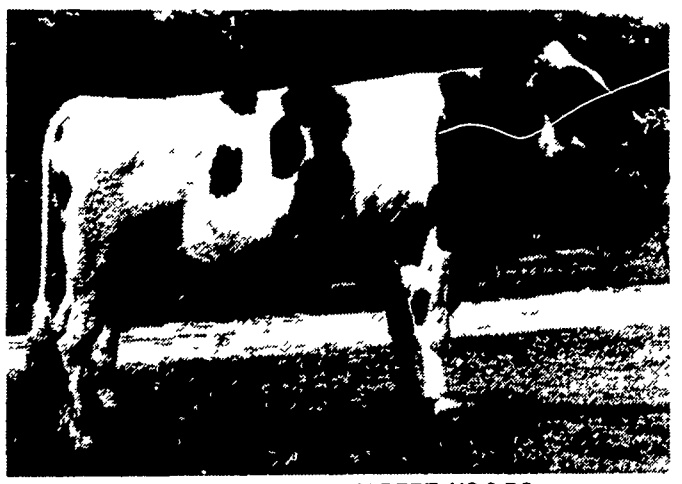
336 Classified Daus Ave 75 3

— BROWN SWISS —

9B056 White Cloud Doreen's DELegate - VG & Sup

1 380 Daus 363 Herds Ave	13 691M	3 9%	533F
Pred Dif (98% rpt)	+1 134M	+$108	+40F

612 Classified Daus Ave 83 2



1H216 U-MO Rocket ALBERT--VG & PQ

50 Daus in 8 Herds Ave	15,960M	3 2%	513F
Pred Dif (50% rpt)	+1,074M	+$83	+21F

28 Classified Daus Ave 80 5 (act) 81 4 (age adj)

— JERSEY —

1J194 Briarcliffs SOLDIER BOY

12 Daus in 4 Herds Ave	13 500M	4 5%	609F
Pred Dif (27% rpt)	+1 207M	+$106	+35F

11 Classified Daus Ave 81 8

1J129 Mills EMPEROR

36 Daus in 11 Herds Ave	10 796M	4 8%	521F
Pred Dif (53% rpt)	+1,104M	+$114	+47F

6 Classified Daus Ave 84 0

1J137 Mills GLORY

19 Daus in 6 Herds Ave	12,100M	4 5%	550F
Pred Dif (41% rpt)	+1,008M	+$90	+30F

14 Classified Daus Ave 83 3

— AYRSHIRE —

3A73 Mar-Ral COMMANDER'S Pride--VG & D.Ap.

1,173 Daus in 347 Herds Ave	12,678M	3 8%	479F
Pred Dif (97% rpt)	+1,000M	+$76	+18F

353 Classified Daus Ave 84 8

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Agricultural zones

(Continued from Page 1)

audience revealed that most of the farmers were uncertain how an agricultural district would affect them and their livelihood.

Amos Funk, a Manor Township farmer and chairman of the state Land Use Committee, was on hand to help clarify what such a move would mean. He told those assembled, "We have the best land in the United States. We need encouragement to make a committment (to keep the land in farming)."

Funk defined "encouragement" in terms of legislation designed to make it profitable for a farmer to keep his land in agriculture and not be forced to sell it to a developer to finance his retirement.

"The only retirement we have is land," said Funk. "Farmers need compensation to make up for a pension plan."

The "economic incentives" he had in mind were the kind that come from the state, through taxes He suggested that if one-half of one percent of real estate transfer taxes were earmarked for the purpose, $15 million would be available for the state to purchase development rights from farmers who would have voluntarily signed away their right to sell their farms to developers for a set period of time. In New York state, farmers who sign such an agreement are bound to keep their land in agriculture for eight years. After that they are again free to sell to developers.

In Pennsylvania, Act 319, the "Clean and Green" Act, allows farmers to sign a similar agreement giving them preferential tax treatment. Their land then is taxed at values lower than developmental land values.

In Lancaster County, few farmers have signed, said Funk, because the legislation makes little if any difference in their taxes. But, he noted, in the near future, farmland will be reassessed at higher values, and then 90 per cent of the farming population will benefit from signing the "Clean and Green" agreement, he estimated.

A man who identified himself as Rick Claffey, a developer, told the group, "It's time for farmers and developers to quit being at odds and start working together."

Claffey said if farmers would sell to developers rather than agreeing to sell development rights to the state, they would reap more profits as well as help save farmland because private developers tend to build for density, thereby preserving farmlands that would be lost to the spread of less dense developments. He added that if developers purchased the lands, money for development would come from private sectors, not from taxes.

Funk made the point that tax breaks would give farmers the option of continuing to produce during periods of low profits and remain in farming until such time when it becomes a more lucrative means of making a living. As an example of a highly profitable future farm product, he mentioned the fact that experiments are being conducted on oil producing crops which would return the farmer high profits.

Several farmers expressed reluctance at being coerced into an agreement that would limit their freedom to sell land.

Funk emphasized that legislation would provide for a voluntary program allowing farmers the choice of selling their lands or preserving them for agricultural use. Farmers could band together to form an agricultural district where everyone agreed to keep the area in farming, he said.

In Warwick Township, farmers could begin by advising township officials to pass an ordinance creating an agricultural zone, said Funk. It wouldn't be as strong a measure as state legislation providing economic incentives, he added, but it would be a start and would limit that area to farms and related agribusinesses.

"We can't get anything in return at this point in time," he told the gathering; "you'd just be doing it because (you) feel it's the right thing to do."

Before adjourning the meeting, members of the planning commission asked for volunteers to form a five-man committee to study the feasibility of establishing an agricultural zone in Warwick Township. David Landis, a member of the planning commission and a farmer, was chosen to serve as liason between the committee and the planning commission.

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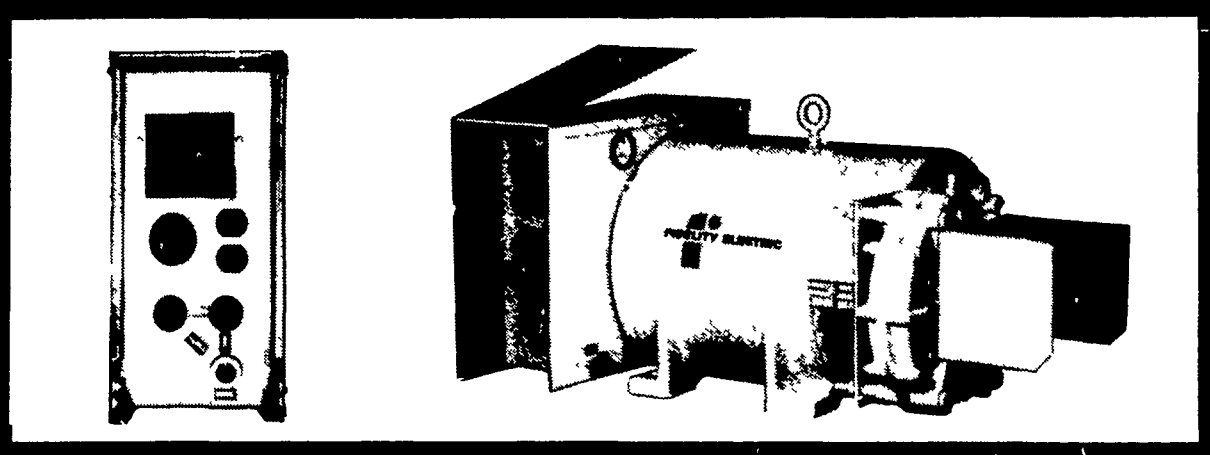

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Wet soybeans

(Continued from Page 1)

"The biggest loss is in drying," commented one Lancaster County grower. He expressed relative satisfaction with his yields which are estimated at somewhere around 30 to 35 bushels per acre. Considering that farmers in the area only had as few as five good harvesting days within the past six weeks, the Lancaster Countain thought his plants held up well during the extreme stress periods. Farmers in other areas expressed the same opinion, often with overtones of surprise.

In Northampton County, for example, soybean growers had to put up with as many as three ice storms. A few weeks ago farmers in that area were looking at their ice-covered crop with pessimistic expectations. It was feared that the entire crop would be lost.

But that hasn't been the case. While losses are significant even without the drying costs, they're not as high as was expected earlier. One Northampton farmer says he combined an average of 40 bushels to the acre from his fields. In announcing the final outcome, he spoke with unbridled satisfaction. He remembered the gloom he and others faced earlier. The crop had held up well after all. There was little lodging. "We did well with the beans this year," he concluded.

Nevertheless, everyone acknowledges quickly that the weather took its toll on the beans. Field losses are estimated at between five and 10 bushels per acre by one Lancaster Countian. The late harvested beans are soft, and sometimes damaged. Some mold has also been reported, but Hershey says that processing of the beans will destroy them. Soybean buyers are offering around $5.65 per bushel for beans testing 13 per cent moisture.

If the weather stays frozen for just a few more days, the soybean harvest will have been completed, ending a six-week period of frustration due to soaking wet conditions and even ice and snow.

Christmas trees are still useful

MEDIA -- When the holidays are over, a person can put his Christmas tree to work in the garden James J. McKeehen, Delaware County Extension agricultural agent points out that evergreen boughs make a good mulch for perennials and bulbs. January is the ideal time to apply a mulch because the ground is usually frozen by then and the mulch will discourage thawing and freezing. One can also spread straw, hay, or oak leaves over the branches.

That discarded Christmas tree may also be useful as a windbreak for the living evergreens. It's not the best method of protection, but it will help because wind and sun can cause the top of evergreen plants to dry out. Anything that helps break the wind and shades the plant will help.

A Christmas tree can also become a bird feeder. A person just stands it upright in the lawn or garden and fastens suet and feeders of grain on the tree. The birds will like it because the hardest part of winter is still ahead for them.

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Very nice 2 storys semi-detached, 6 room & full bath house. Lot size: 20' frontage by 169' depth to south side of Reynolds Ave. in rear. Property open for inspection: Sat's. Dec. 31 & Jan. 7 from 1 till 3. Real Estate to be sold at 2:00.

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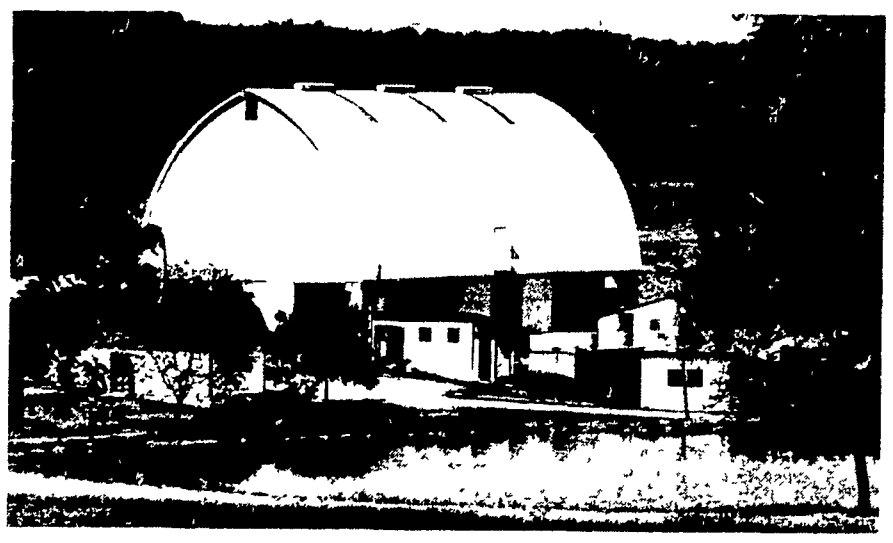

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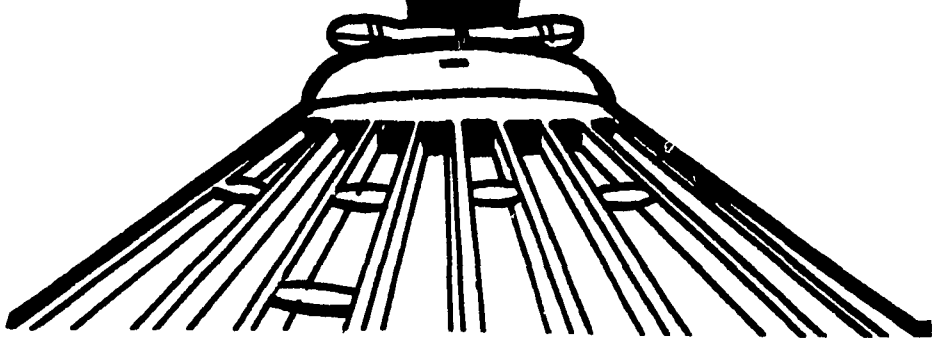

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Aflatoxin warning is still valid

NEWARK, Del. – The corn harvest on the Delmarva peninsula is now over. Much to everyone's relief, very little aflatoxin was found in measurable amounts in any of the grain brought to market. But this doesn't mean that the alert is over, cautions Edward H. Ralph, director of the University's Georgetown Substantion.

His big concern now is for the corn that never made it to market but has been stored on individual farms – much of it earmarked for use as animal feed. Because of conditions last Summer, much of this corn could be poor in quality, cracked and moldy. Chances are, very little of it was dried down to the 13 per cent moisture level necessary to prevent further mold growth.

This means there's a strong possibility molds will continue to grow in some of this stored grain, producing not only aflatoxin but other toxic by-products harmful to livestock. "If this should happen, it could really clobber individual farmers," explains Ralph.

The probelem with aflatoxin and other mold-produced mycotoxins is the effect these poisons have on all kinds of livestock. Even in relatively small amounts, aflatoxin can retard growth and feed efficiency in young animals such as broilers and swine. At high levels it can cause abortions in pregnant sows and result in the death of poultry, swine and cattle. One serious side effect of this particular toxin is a weakening of the animal's immune system, rendering it more susceptible to disease and less likely to be protected by vaccinations.

According to Delaware Extension livestock specialist Dr. Richard E. Fowler, aflatoxin also has the effect of increasing the apparent protein needs of an animal – which means the producer must supplement its diet with high-protein feeds well fortified with vitamins and minerals.

Aflatoxin is the by-product of a very common mold (Aspergillus flavus). This mold grows mostly on organic debris, but it can also become established on corn kernels prior to harvest or afterward in storage, if conditions are right for its development. Drought, high temperatures and insect damage all encourage its growth on corn. Which means conditions were ideal for the problem to develop this Summer, points out Fowler.

The animal scientist is one of several extension specialists on Delaware's task force team. He has made a special effort to make sure swine producers in the state are aware of the hazards of feeding broken, moldy corn to their stock, whether or not it tests positive for aflatoxin. It is sometimes falsely assumed that pigs can safely eat just about anything, and some growers are in the habit of feeding them grain they wouldn't give to other livestock. This is just asking for trouble, says Fowler.

Integrated broiler companies are already aware of the harmful effects of aflatoxin on poultry and for some time now have been following a preventive program, drying their corn down to 13 per cent moisture or less and routinely testing all deliveries for the presence of the toxin. Substation director Ralph predicts that these companies are going to be very selective about the corn they buy over the next six months.

The point that he, Fowler and others are stressing right now is that farmers make sure the corn they have in storage is safe to feed. The Delaware State Department of Agriculture has the quipment and personnel at its Dover laboratory to run tests and is offering this service free to anyone who wishes to submit a grain sample.

Farmers with specific questions about the feeding of stored corn should contact their nearest county Extionsion office.

PUBLIC SALE

of

FARM EQUIPMENT & TRUCKS

Location - Going from Middletown, Del. to Warwick, Md. on 301. Take 1st road to left, 1st Farm on right.

SAT., JAN. 14, 1978

11 A.M.

4020 John Deere diesel tractor, 560 Int. tractor, M Int. tractor, #145 J.D. 5x16" plow, 20' Int. springtooth, 21' M.M. disc with wings, N.I. manure loader with fork lift prongs, 12' J.D. packer, KBA 36 blade disc, 12' J.D. roller harrow, 3 section drag, J.D. conveyor, flat bed wagon, #40 Int. 4 row stalk beater, 20 spout J.D. grain drill, Waldon front mounted dirt blade, N.H. PTO manure spreader, subsoiler, tool bar, 14' meeker harrow, 400 gal. John Blue sprayer with 40' booms (new), 1000 gal John Blue tank, two J.D. 4 section rotary hoe, dirt scoop, rubber tire road scraper, 3 metal grain bins (200 bushel each), 2 hole corn sheller, milk cans, bags, walking plows, 200 bales straw, 1955 Chevy 10 wheeler with 19' grain body, 1955 Ford with 12' flat dump body, 1951 GMC 470 tractor, 30' tandem grain trailer, misc.

Terms: Cash or Approved check Day of Sale

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DISPERSAL

At Bradford, NY, off Rte. 226, between Savona and Dundee (take Exit 40 from new Rte. 17 Expressway), 15 mi. from Bath, 20 from Corning.

FRIDAY, JANUARY 6, 1977

at 10:30 A.M.

71 good interstate-tested Holsteins (44 cows - 23 Reg., many fresh or springing, 2 good bulls, balance young stock). 3 tractors (excellent JD 4430D, very good IH 856D w/h.d. loader & M), new White 598 adj. plows, AC Gleaner s.p. combine NH 357 grinder-mixer, 175 bu. spreader, 2-row 880 chopper, 273 baler, 479 haybine, IH 470 trans. disc., 16' drag, excellent 4-row planter w/liquid and dry fert. attachments. MF showroom-new 17-disc 33 drill. NI picker, elevators, much more equipment!! 600 gal. Jamesway tank, Bou-matic glass milker line, Badger barn cleaner, 2,500 bales hay, 200 bales straw, 2,000 bu. oats, 55T. ear corn, silage, etc.

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P.S. - Also coming up: Terry Brown Dispersal, Tues., Jan. 10th at 11 A.M., off Rte. 41 at McGraw. NY, 7 mi. from Cortland. 108 Holsteins (96 cows, 55 handling, 15 just fresh), 2 tractors and all machinery. For info on either sale, or full list mailed to you, contact Rumsey Sales, 226 Liberty St., Bath, NY (607-776-3478).

HOLSTEIN

DISPERSAL SALE

Selling two herds of Reg. & High Grade Holstein dairy cows at Melvin Kolb Inc. Maryland Barn located ½ mile N.W. of Woodsboro on Rt. 550 in Frederick County, Maryland.

THURSDAY, JANUARY 5, 1978

at 12:00 Noon

115 REGISTERED HIGH GRADE DAIRY CATTLE 115

Consisting of 100 head of dairy cows & 15 head of open & bred heifers. This is a complete dispersal of two herds with registered daughters selling of Seiling Rockman, Roybrook Starflite; A Dutch-Craft Fury Lad; Fayside Pabst Rockman; Wholesome Perseus Leader; Way Brook Sir Winston; Flemingdale Perseus Mark; Glenafton Man O War; Lime Hollow Burkgov Superb; Duncravin Boehms Countdown and others. Sensational cow family opportunities with one herd with Rolling Herd Av. 17,807M 589F. Other herd not on test but both are good young herds with nice utters & plenty of dairy type. All Bangs & T.B. tested within 30 days and free for interstate shipment.

Special Mention: Very good A Dutch-Craft Fury Lad daughter 4 yrs. 262d. 15091M 449F BCA 141-114 bred 11-26-77 to Harrisburg Gay Ideal; A good Weeping Willow President Eddie daughter 3 yr. 321d. 18374M 649F BCA 184-176 bred 31 Aug. 77 Moersch Dale Dairy King; A good plus Seiling Rockman daughter 3 yr. 359d. 20140M 807F 4.0 BCA 174 186 bred 9-3-77 high Keyes Rocky A; A good plus Fayside Pabst Rockman daughter as a 3 yr. old 381d. 21999M 847F 3.9 BCA 166-174 bred 8-11-77 to Wholesome Perseus Leader

Approx. ½ of one herd springing or fresh within past 60 days with balance in different stages of lactation.

There will be cows to suit everyone.

Terms: Cash.

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Robert C. Mullendore, Auctioneer
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SPECIAL DRAFT HORSE & MULE SALE

FRIDAY, JANUARY 6, 1978

Sale held at New Holland Sales Stables.

200 head of horses and mules, mostly teams, well broke 3-6 years old
Ward Wright Will have a load of horses from Tennessee
Myron Christiansen will have a load of horses from Iowa.
Buck Leonard will have a load of horses from Illinois
1 load of horses and mules from Missouri
Norman Kolb will have a load of horses and mules Special mention -- a team of young mules 3-5 yrs. old well broke and well mated.
Noah Martin will have a load of saddle bred driving horses
Also, several local driving and work horses
Driving horses will be hitched at 9 00 A M.

Sale will start at 11:00 A.M. SHARP

For more information on this sale or any of our sales, contact:

ABE DIFFENBACH
717-354-4341
New Holland Sales Stables Office

NORMAN KOLB
717-397-5538

Adult classes slated

LITITZ - Warwick High School will be offering an adult education course on pesticide management and environmental quality during the month of February. Based on the Penn State correspondence course for the pesticide applicator's license, the course will entail four classes of formal instruction on the University's booklet after which the applicator's test will be administered. Either a residential or commercial license can be available.

Designed to simplify the University course for the layman, classes will be held on Tuesday evenings beginning February 7 and ending February 28. The time is from 7 to 9 p.m. Instructor will be Larry Moyer, vocational agriculture teacher at Warwick, and the cost is $11. That fee includes the $6 pesticide book.

Deadline for registration is January 10, and those interested can sign up either by going to the Warwick High School on January 5 or 10 from 7:30 to 8:30 p.m.

Registration can also be made through the mail. Send in name, address, phone, course name, and check to Warwick School District, Attention David E. Hilbert, Adult Education Director, Warwick High School, Lititz, Pa. 17543. Or, by phone, call 626-2061. In the case of phone registration, a check should also be sent through the mail.

Ten individuals are needed to cover the cost of the instructor. In the case of a cancellation, Warwick High School will contact all registered individuals.

IS MARRIED DAUGHTER STILL A DEPENDENT?

Here's dollar-saving advice on your tax return: For parents of daughters who married last year, she may still be your dependent if she doesn't file a joint return with her husband and if you provided more than half of her support. And here's good news. IRS has ruled that those wedding bills you incurred can be counted as part of her support.

A public service of the Pennsylvania Institute of Certified Public Accountants

DEDUCTIBILITY OF TRAINING COURSES

Here's helpful tax advice on the deductibility of training courses: The cost of training courses you take to maintain skills used on your present job may be tax deductible, but what if your employer pays the training costs: is that taxable income? IRS says no; if the cost of job-training is tax-deductible, for you, it's still tax-deductible for you, it's still tax-free if the boss pays.

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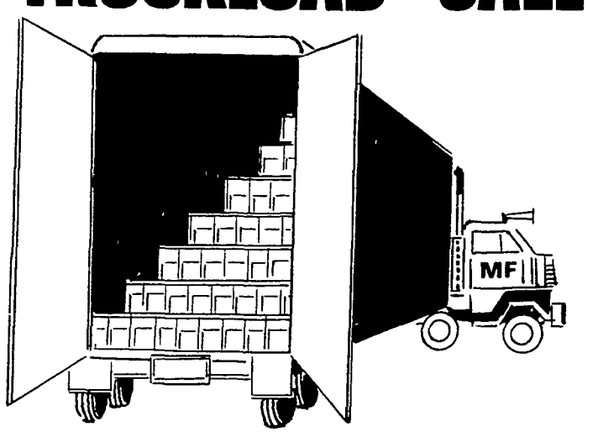
TRUCKLOAD SALE!



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	Reg.	Sale
19-513A91 20 Amp. Charger	$82.25	$61.75
19-512A91 6 Amp. Charger	35.90	26.95
PIN ASSORTMENTS		
839-069M91 Spring Pin	6.38	4.34
839-049M91 Hitch Pin	3.01	2.05
839-068M91 Cotter Pin	2.94	2.00
ETHER		
830-999M2 8 Oz. Can	1.29	.84
841-543M1 11 Oz. Can	1.50	1.06
DEGREASER		
1900-496M1 Eng. degreaser	3.19	2.20
HAND CLEANER		
1900-292M2 1 Lb. Cleaner	1.19	.83
1900-293M2 4½ Lb. Cleaner	4.65	3.25
1900-294M1 Dispenser	10.05	7.05
GREASE		
841-618M1 Tube Cart.	.61	.49

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TRANSMISSION FLUID
Reg. 19.15

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5 Gallon Can

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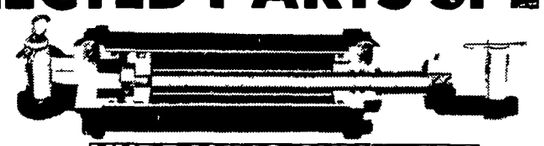

HYDRAULIC CYLINDERS

	Reg.	Sale Price
3" x 8"	52.02	$42.77
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Cat I Top Link	45.45	$31.82
Cat II Top Link	49.76	$33.84

PLOW PARTS

	Reg.	Sale Price
475-715-M1 16" Heavy Duty Plow Shares	10.50	$ 7.14
600-206-M92 16" Moldboard	57.00	38.76
475-937-M1 Landside	10.59	7.20
660-020-M91 Shins	10.07	6.85
664-313-M1 Right or Left 3" Twisted Chisel Point	6.82	4.64

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1014-219-M92 Oil Filter used on most MF Gas Tractors	6.49	4.42 (Pk of 3)
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Red or Gray 1 qt can	4.90	3.40
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500 PSI Washer — Reg. 370.00 — Sale $300

CUTTER BAR PARTS

228-392M1 Guards for combines	4.85	3.30
261-431-M1 Sections for combines	.65	.44
679-837-M1 Guards for mowers	4.85	3.30
260-611-M93 Knife assem 13 ft for S P combines	86.32	58.70

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MF 1100 Diesel
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[illegible]50 Diesel
Case 300 Tractor
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MF 44-6 Gas Tractor
MF 11 Loader Tractor
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USED CON

1975 MF 760 Hydro Diesel wi and 6 Row 30" Corn Head
1975 MF 510 Diesel with new Grain Head
MF 510 Diesel with 13 ft Gra
AC CII Gleaner with Grain & 4 30 Corn Head
MF 510 Gas Grain Head & 6 F 30" Corn Head
MF 510 Diesel with Grain Hea
MF 410 Diesel with Grain Hea
MF 72 S.P. Combine
MF 70 S.P. Combine
MF 60 S.P Combine
MF 50 S.P Combine
MF 80 S.P Combine
MF Super 92 Combine
Gleaner A Combine
Minn. Moline 2890 Combine & Corn Head
Oliver 542 Combine Grain & C
Oliver 5555 Combine Grain & Corn Head
MF 63 Corn Head 6 Row 30"
MF 44 Corn Head 4 Row 38"
MF 43 Corn Head 4 Row 30"
MF 422 Corn Head 4 Row 38'
MF 322 Corn Head 4 Row 38'

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7 Tooth Brady 3 pt Chisel Plo
New 2 Row 3 pt. Cultivator
Dunham 15 ft Cultipacker
12 ft. Brady Field Cultivator
Dunham 10 ft. Cultipacker
Dunham 10 ft. Cultimulcher
IH 700 6-16 Auto Reset Plow
IH 710 4-16 Auto Reset Plow
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	370.00	$300

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vers	4.85	3.30
13 ft	86.32	58.70

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ately or Complete Set

525.03	$357.93
669 39	480.06

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	$15.00-$20.00
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	$125.00
	$7.50
	$50.00
	$375.00
	$200.00
	$20.00
n planter	$350.00
pers - per row	$30.00
tor	$350.00
	$10.00
rn planter	$15.00
	$20.00

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MF 1155 Diesel Dual Wheels Cab & Air Conditioner	19,000.00
Demo MF 1105 Diesel	14,700.00
MF 255 Diesel	8,200.00
MF 275 Diesel Row Crop	7,600.00
MF 255 Diesel	7,100.00
MF 1130 Diesel	9,400.00
MF 1100 Diesel	7,500.00
MF 178 Diesel New tires	4,800.00
MF 178 Diesel	4,500.00
MF 65 Gas Tractor	2,200.00
MF 2135 Diesel	1,100.00
David Brown 1200 Tractor	4,500.00
D 1010 Gas with Loader	3,750.00
50 Diesel	2,100.00
Case 300 Tractor	1,000.00
Ford 2000 with Loader	3,100.00
MF 44-6 Gas Tractor	800.00
MF 11 Loader Tractor	8,700.00
MF 302 Loader Tractor	3,900.00

USED COMBINES

1975 MF 760 Hydro Diesel with 16 ft Grain and 6 Row 30" Corn Head	36,500.00
1975 MF 510 Diesel with new 13 ft. Grain Head	26,000.00
MF 510 Diesel with 13 ft Grain Head	11,500.00
AC CII Gleaner with Grain & 4 Row 30 Corn Head	8,500.00
MF 510 Gas Grain Head & 6 Row 30" Corn Head	15,500.00
MF 510 Diesel with Grain Head	12,000.00
MF 410 Diesel with Grain Head	9,500.00
MF 72 S.P. Combine	1,250.00
MF 70 S.P. Combine	400.00
MF 60 S.P Combine	750.00
MF 50 S.P Combine	800.00
MF 80 S.P Combine	450.00
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Gleaner A Combine	1900.00
Minn. Moline 2890 Combine & 2 Row Corn Head	5,500.00
Oliver 542 Combine Grain & Corn Head	7,500.00
Oliver 5555 Combine Grain & 4 Row Corn Head	9,500.00
MF 63 Corn Head 6 Row 30"	3,500.00
MF 44 Corn Head 4 Row 38"	3,200.00
MF 43 Corn Head 4 Row 30"	3,000.00
MF 422 Corn Head 4 Row 38" to fit 410	1,250.00
MF 322 Corn Head 4 Row 38" to fit 410	950.00

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5 Tooth Brady 3 pt. Chisel Plow	950.00
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7 Tooth Brady 3 pt Chisel Plow	875.00
New 2 Row 3 pt. Cultivator	325.00
Dunham 15 ft Cultipacker	875.00
12 ft. Brady Field Cultivator	1050.00
Dunham 10 ft. Cultipacker	550.00
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IH 700 6-16 Auto Reset Plow	2200.00
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3 Section Harrow	100.00
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ft. Packer	175.00
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Farmhand Corn Processor	3100.00
MF 81 Haytender	1200.00
MF 15 Grinder Mixer	2500.00
New MF 205 Spreader	2475.00

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MF 750 COMBINE

MF Massey Ferguson

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SPECIAL TWO-DAY
OPEN HOUSE
WEDNESDAY JAN. 4 & THURSDAY JAN. 5

1 PM EACH DAY -

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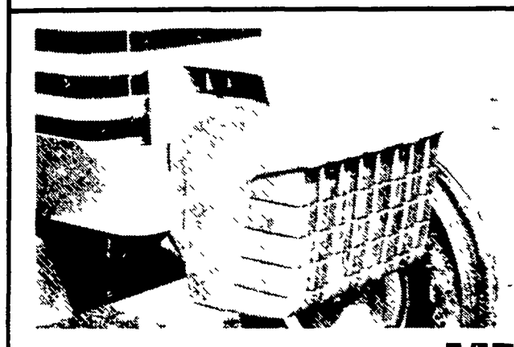

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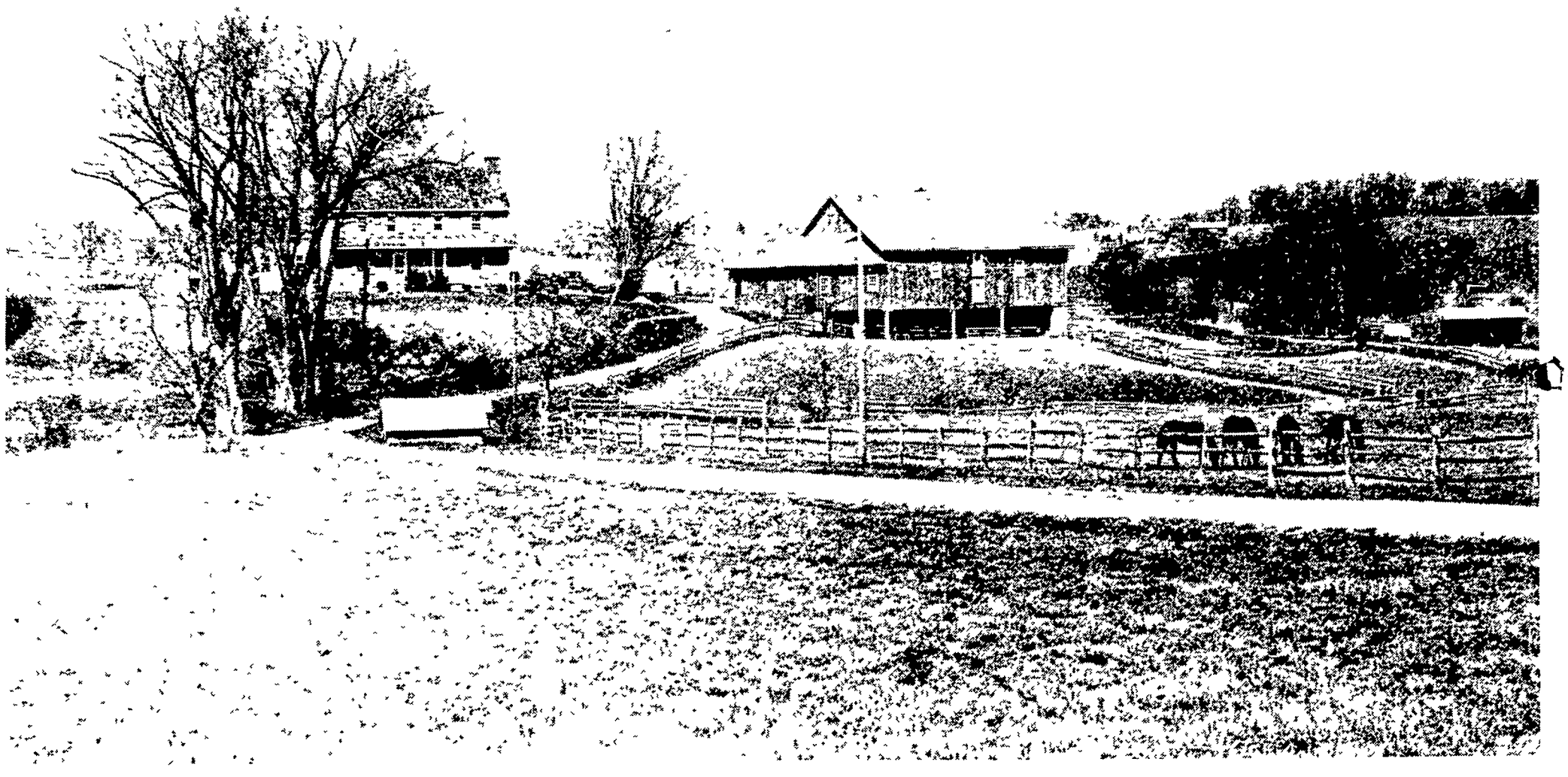
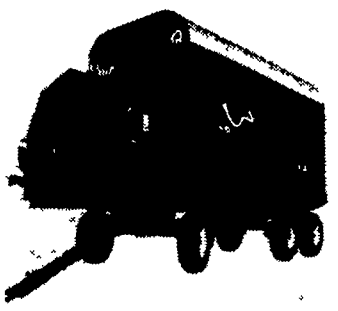


As Winter settles over this Chester County horse farm, the aura of the fox hunt can be felt in the air.

WHAT'S NEW



FORAGE WAGON

A new Fox forage wagon with a 625 maximum cubic-foot capacity, is being introduced by Koehring's Farm Equipment Division. The new Fox model 625 forage wagon is specifically designed for beef or dairy operators who handle large volumes of forage.

The 625 cubic feet of hauling capacity makes the 625 one of the largest forage wagons on the market, according to Fox engineers. Large capacity means the operator can move more silage or haylage faster than with smaller units.

A two-speed apron moves material forward into the beaters. The unique slant-back beater design provides complete blending action and smooth, steady flow of material into the cross conveyer while preventing material from going over the front of the wagon. Both apron and beaters are shear pin protected. All steel box construction and the optional heavy gauge steel roof offers stronger durability than most of the conventional wood forage wagons on the market, says Fox.

The 625's standard rocking bolster reduces strain on the box even when working rough terrain. The telescoping tongue, according to Fox engineers, saves time and muscle. Just raise back the lock handle, slide the tongue forward as needed, drop in the pin, back up into lock position and the 625 is ready to go.

The Farm Equipment Division of Koehring, headquartered in Appleton, Wisconsin, is a major manufacturer of farm implements including forage harvesting and handling equipment and tillage tools.

High In Sugar

Water ice treats are about 75 per cent water, 20 per cent fruit juice and high in sugar content.

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DRINC studies oversea milk processing

ROSEMONT, Ill. – Major dairy trade publication and industry representatives attended a recent Dairy Research Inc. sponsored seminar on the practice of aseptically packaging ultra-high temperature treated milk. This method is currently being used to produce long-life, non-refrigerated milk and other perishable food products in countries outside the U.S.

The seminar was held at DRINC's Rosemont, Illinois headquarters. Speakers were from Tetra Pak International, Lund, Sweden, one of many aseptic packaging companies in the world, and Brik Pak, Inc., its Dallas, Texas subsidiary.

With the exception of whipping cream, which is not used as often as other milk products and therefore needs longer shelf-life, dairy foods in America are not UHT treated or aseptically packaged. Unlike other countries, the U.S. has sufficient energy and refrigeration capabilities along with wide-spread milk production and transportation, to make fresh, top quality milk and other dairy products available year-round throughout the country.

DRINC, which has been associated with milk packaging and processing research and development projects for several years, sponsored the seminar because it does see value in applying the aseptic packaging and UHT method to certain specialty dairy products whose low turnovers result in returns and spoilages, and in such areas as vending sales, where milk and other perishable items demand special treatment.

Dr. Bernard von Bockelmann, chief microbiologist for Tetra Pak International, told seminar attendees that aseptic packaging systems sterilize packaging material as it is being formed into containers. They also keep the surrounding area sterile while filling the containers with UHT treated milk. The Tetra Brik system sold by Brik Pak, produces finished containers of sterilized milk, completely filled to prevent reinfection with bacteria. The long-life milk remains fresh for up to six months without refrigeration.

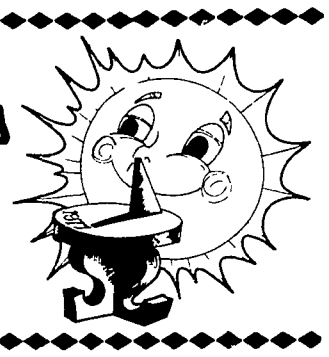
UHT, Dr. Bocklemann explained, is a processing technique by which milk is brought to a high temperature very rapidly, held there briefly then quickly cooled. The process kills bacteria in milk while retaining its nutritional value and vitamins.

The critical factor here is the "holding" period. It has to be brief enough to keep a chemical reaction from taking place which alters the flavor of milk, giving it a caramelized taste. UHT processing techniques being used overseas do not effectively retain milk's flavor, but consumers there accept the product because their milk's quality has never been as high as that produced in America. In addition, they have been conditioned over the past several years to the different taste of their aseptically packaged, UHT treated milk.

DRINC is currently involved with Flav-O-Rich, a division of the Dairymen, Inc. cooperative headquartered in Louisville, Kentucky, in an aseptic packaging and UHT project designed to produce non-refrigerated, long-life milk for vending sales. A new UHT treatment retains the flavor of milk while effectively sterilizing it. An aseptically packaged product sterilized through the new treatment will be test marketed in Charlotte, North Carolina, for six months starting January 1978.

Best Wishes

Hope this New Year means lots of sunny days and smiles for you! Thanks.



Morning glories controled in soybeans

DOVER, Del. – Three years of field tests have shown that small amounts of 2, 4 D-B can provide low cost control of morning glories in soybeans. According to Dr. William H. Mitchell, Extension agronomist at the University of Delaware, this herbicide is one of many that he has been testing at the University farms in Newark and Georgetown.

Interest of soybean growers in this work can be traced to the weed control failures they have experienced when dry weather reduces activity of herbicides applied before weeds and soybeans emerge. Morning glories that escape earlier treatments can be controlled by an over-the-top spray with 2,4 D-B, reports Mitchell.

The key to effective use of this herbicide is early application. When morning glories are five to six inches high, a spray treatment will cause stunting and prevent normal stem and root development of the weed. If treatment is delayed until vining has started, it will cause the stems to die back several inches from the growing point.

In either case, treatment seldom kills the weed, but it does slow growth and allows soybean plants to develop a canopy which further reduces weed growth by restricting sunlight.

Soybeans should be in the second trifoliate leaf stage before treatment is made with 2,4 D-B. When applied at this stage, there will be no obvious damage to the exposed leaves. The next two or three leaves that emerge on the developing soybean will usually be wrinkled, cupped and reduced in size. But after this, leaves that emerge will be normal, as will be the overall stem development of the soybean plant.

Mitchell says that he's had best results using one-third pint per acre of 2,4 D-B (2 lb. a.i. formulation) in 10 to 15 gallons of water per acre at a pressure of 30 p.s.i. At current prices, this treatment will cost between 50 cents and $1 an acre for the chemical. Since it can be applied over the top of soybeans, no special equipment is required.

This reduced rate of 2,4 D-B is effective because herbicidal action is combined with natural weed suppression achieved by shading, explains the agronomist.

Efforts are now under way to obtain state labeling for the use of 2,4 D-B at reduced rates. Since it is already approved for use at much higher rates, it seems likely that favorable action will be taken by labeling authorities.

Maryland dairymen will look at protein pricing of milk

HAGERSTOWN, Md. – Possibilities for dairymen to sell milk on the basis of protein rather than butterfat content will highlight the afternoon educational program of next week's 25th annual membership meeting of the Maryland Dairy Herd Improvement Corporation.

The all-day meeting is scheduled for Wednesday (Jan. 4) at the Venice Inn motel, located along U.S. highway 40 at the east edge of Hagerstown. (Coming from the east, turn left at Cleveland Avenue. This is the first left turn after passing the municipal golf course on the right.)

Activities will get under way at 10:30 a.m. with the annual business meeting and presentation of incentive awards to some 35 local DHI supervisors. Lunch will be available at noon for $2.

Speakers on the afternoon educational program will include Dr. Frank N. Dickinson of Upper Marlboro, a member of the national programs staff at Beltsville for the Agricultural Research Service of the U.S. Department of Agriculture. Dr. Dickinson's title is chief of the USDA's animal improvement programs laboratory.

Also appearing at the afternoon session will be Elmer F. Paper of Stockton, Iowa, a nationally know Holstein dairyman. His topic will be "Protein Pricing – How It Affects My Income."

Paper is president of the Mississippi Valley Milk Producers Cooperative, headquartred at Davenport, Iowa. Hi is also a member of the board of directors for the National Milk Producers Federation, headquartered in Washington, D.C.

Program chairman for next week's meeting at Hagerstown is Dr. J. Lee Majeskie, assistant professor of dairy science at the University of Maryland in College Park and Extension dairyman with responsiblity for the Dairy Herd Improvement program. All dairymen and other interested persons are intied to attend.

Pa. dairymen's meeting will hear ag committee member

CAMP HILL -- A distinguished member of the House Agriculture Committee will address the annual meeting of the Pennsylvania Dairymen's Association, to be held Jan. 10 at the Penn Harris Motor Lodge, here.

Congressman Charles Rose, North Carolina's youngest legislator, will be the guest speaker for the event, scheduled to begin at 6:30 p.m. A reception precedes the banquet at 6 p.m.

Congressman Rose, 38, has served in Congress since 1973 and is a member of the House Committee on Agriculture. In additon to numerous other committee involvements, he is chairman of three congressional subcommittees, including one on dairy and poultry.

The Pennsylvania Dairymen's Association, in slating Rose as their guest speaker, notes that the Washington lawmaker should be well qualified to talk to dairymen. Rose was very instrumental in preventing caseinate in ice cream proposal from becoming law, says John Blyholder, secretary-treasurer of the PDA.

Dairymen are urged to attend the banquet, held during Farm Show Week. For further details, please contact the PDA at Box 458, Camp Hill, 17011, or call 717-737-0551.

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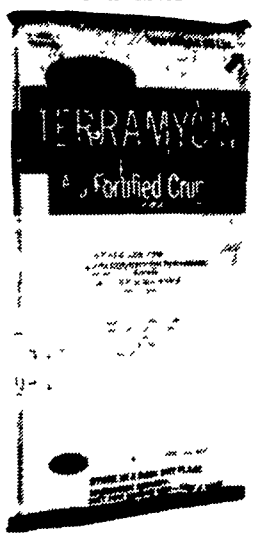

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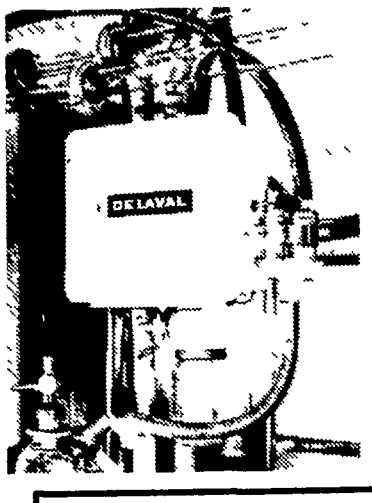

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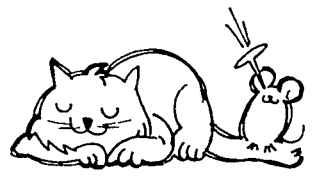

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For Sale - Gehl 65 Grinder mixer, working condition, will be David Good's Jan. 4 sale

For Sale - 25 Feeder Pigs. Daniel B. Fisher, ¼ mile South of Nichol Mines Store, RD#1 Paradise, Pa.

I am discontinuing farming and am selling; Int. 100 hydro., fully equiped with cab and air conditioning and only $500; JD 4020 tractor, new rubber and recently overhauled, A-1 condition; JD 5 bottom, fully mounted plow; Brady 4 row stalk chopper, like new; bush hog 12 ft. offset plow disc also like new, Int. #1150 portable feed grinder; 1890 Int. 16 ft. dump grain truck. Please call 717-244-5335 eves.

For Sale - One used IH 330 Tractor with fast hitch, power steering, rear tires 95%, front tires 75% with loader, plow and mower, All in very good condition. 717-758-3021

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Wanted - #10A or #12A NI manure spreader, good condition. Daniel J. Mast, Box 330, Dover, Del. 19901.

For Sale - 1026 Int. diesel, hydro, 717-285-4558 after 4 p.m.

For Sale - Chevy truck, 5700 model with 14 ft. mid-west body, very good condition; Jamesway 800 gal bulk tank with 5 hp. compressor; Fox industrial chopper with 7 ft. grass head. 201-859-0994 or 859-2645

For Sale - JD baler, recently reconditioned, new paint, model 14T with #2 kicker, one of few under $1000 this season 215-766-7212 eves.

For Sale - Used Butler grain bin, six ton capacity, $250 at the Farm Keystone Farm, R.D 4, Easton, Pa 18042. Call after 7 P M 251-258-0788

For Sale - 1949 DC Case with hydraulic, new paint, runs good 717-766-3688

For Sale - Jamesway yokes, iron fireman oil furnace, Patz barn cleaner, electric water heater; Ritchie cattle & hog waterer Best offer Samuel S King, R D 1, Box 279 Gordonville, Pa 17529

For Sale - Garden Way hand carts, three sizes Also shaft tips, custom lathe work Ammon B Stoltzfoos, Leola, RD#1, Pa 17540, Farmersville Road

FARM EQUIPMENT

For Sale - John Deere 3020, gas with wind breaker; #10 side mounted mower. Call after 7 P.M. 717-789-3687.

For Sale - MF 65 diesel tractor, very nice, $3000 firm; MF model 72 self propelled combine, 12 ft. grain head, very nice, needs battery and generator, $2000 firm. Ph: 717-437-2566 9 to 10 evenings.

Special - Nearly new Patz silo unloader; new 40' barn cleaner stacker only $2675.00; heavy duty motors 5 HP only $285.00; 10 HP $450.00, ½ HP air compressor, 15-20-27 KW alternators 25% off, 3/8" cable 50% off. 215-445-6409.

For Sale - Combine, 7700 JD, loaded, late 1973, low hrs., large tires, 15 ft. grain head, 6-30" corn head, operated by owner, can be seen operated. Ph: 717-356-7614 or 2339.

For Sale - Badger chuck wagon, 14 ft., excellent shape; Int. 56 silage blower, like new; Lancaster level flow silage distributor. 717-426-3135.

For Sale - Power-Till sod seeder, 1975 JD unit, seeded less than 150 acres, like new. Frank Sporie, 412-539-2689.

For Sale - Starline silage dump scale, 1 yr. old, less than ½ original price $175. 717-548-2451.

For Sale - Gleaner 1972 GKS cab, air, heat, straw chopper, 13' grain head, in excellent cond., never picked corn. Eve. 609-779-2714.

13 ft. 13 tooth, 3 pt., Case chisel harrow, good condition $450; 2 row, 3 pt. Telestron rolling cultivator, good condition $650; Hale PTO 4 in. irrigation pump, nearly new, 1400 ft. champion pipe to match. 717-394-9917 early mornings.

Int. crawler loader, 1968, 175B, full cab, automatic, 24 volt direct electric start, excellent tracks and under carriage engine (6 cyl.) recently overhauled, like new paint, ready to go to work, $16,000. Cumberland Co., 717-776-3181.

For Sale - 2 bottom Oliver tractor plow on steel, 12 or 14 in. Radex shares, good condition, $140, will deliver; Papec chopper with both heads for parts $50; NI fertilizer - lime drill for parts. Earl Heist, R 1. Norristown, Pa. 215-584-6667.

For Sale - AC model C with cultivators and plow, excellent condition, $995; one snow blower for a gravely 424, new, never used, $300; one snowblade for cub tractor, $250; one dirt plow for cub tractor, $150; two 800 x 19 5 8 ply tires, new never used, $50 ea ; one 560 x 15 tire, $10; one left front fender for 1948 - 50 F100 Ford pickup new never used, $50. 201-852-5593.

For Sale - 3' metal lath with accessories; 00 Frick sawmill, three drum sander 42" wide with suction cup feed; 2 3/16" 00 Frick 10' mandrel with bearings; circular sawblades hammered; Amos King, Rt. 1. Box 340, Kirkwood, Pa 17536

For Sale - 1950T Oliver tractor, excellent condition, JD 12 ft transport disc, 9 ft. offset disc transport. 717-264-3519

For Sale - New Holland 1002 auto bale wagon in excellent condition 301-452-5646 after 6 P M

For Sale - Oliver PTO manure spreader 140 bu, good condition Call 717-733-7434

FARM EQUIPMENT

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For Sale - Int. model 234 2 row corn picker with mounts to fit 560 Farmall. 814-355-0862, 383-2782, or 383-2798.

For Sale - N.I. 10-A manure spreader, in new condition. John R. Peachey, Star Route, Belleville, Pa. 17004.

For Sale - Wagon bodies, built of oak, cresoted; $325 for 16' or $375 for 18' bale thrower box. Andrew Latosek. 717-333-4946.

For Sale - Two used 16' Jamesway silo unloaders with 5 hp motors; one used 14' Clay silo unloader with 5 hp motor; one used 14' Jamesway silo unloader with 5 hp motor. Ph: 717-687-6672.

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Combine - Gleaner C2 diesel, soybean and corn special with 14 ft. platform. 301-592-2023 after 7 p.m.

For Sale - AC D17 diesel and AC 783 chopper, 2 row head. 717-284-2593.

For Sale - Farmall H, good condition with Woods 6' belly mower & hydraulic lift. Asking $1600. Ph: 717-743-8467.

Wanted - Engine for Farmall 300. Dan Schrack, Loganton, Pa. Phone: 717-725-3157.

For Sale - Farmall M with remote control, JD 60 with p.s., JD 12 ft. cultimulcher, JD 17 disc grain drill, JD 2 row corn planter with 3 pt. hook up, Int. 3 bottom plow with 10 ft. harrow and 10 ft. disc. 215-562-4464.

For Sale - Little Giant 10' drag hopper for double chain elevator, used 1 yr.; 1973 Ford, 26,000 GVW, 14 ft. Boyertown grain body with sides, M.I.D. equipment hoist, 53,000 mi.; 1974 Ford 26 GVW, 13 ft. grain body with sides, Harsh 21 ton hoist, 22,000 original miles. Phone 215-322-4679 or 357-3330.

For Sale - 1300 6-row plateless John Deere corn planter insecticide & monitor, excellent condition. Ph: 717-733-6776.

For Sale - 1976 273 New Holland Hayliner Baler, only baled 18,000 bales. 717-488-6262.

For Sale - JD 2630, 600 hrs., excellent condition, JD 4430, 75 hrs., new, NH 770 2 row corn harvester, 2 heads, new, NH 479 haybine, 9 ft. new, 717-442-8383.

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For Sale - Oliver 1650 tractor, gas, WFE, in excellent condition, asking $5500 Kaston forage wagon 3 beater, smooth drive, good condition, asking $1000 Berks Co Ph 717-933-8748

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Wanted - Two row corn head for New Holland 818 field chopper. Write or phone Donald Richard, R.D. 2, Honesdale, Pa. 18431. Ph. 717-253-3236.

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Farmall MD
Farmall H
JD A
JD B
MH 44
MH 44 w/loader
Ontario Grain Drills
JD Grain Drills
AC WD 45 Tractor
MF 65
IH 205 Combine
MH 33 Tractor
MF 510 Combine
MF 410 Combine
MF Snowblowers
Used Garden Tractors
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1400 SP Combine
Mowers, Balers & Rakes
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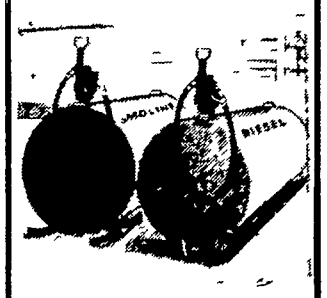

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John Deere L
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John Deere 50
John Deere 520
John Deere 720 D
John Deere 1520
John Deere 2010
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Massey Ferguson 35 TS
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AC 185
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JD 4020 WF
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JD 520 WF
JD 60
Ford 8N
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(2) 176 bu. sgl. btr. N.I. Spreader
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N.H. Model 331 Spreader
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1830
1845D

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Case 800
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RAKES
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NH 790 Spreader w/end gate
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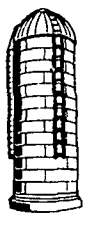

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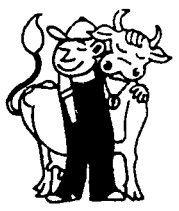
Including metal sides.

EQUIPMENT FOR SALE OR LEASE



BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel manure spreader
Forage Wagons
Forage Blowers
Persuader Pump agitator for Lagoons

SHOW-EASE STALL CO.
523 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

The Time Is Right . . .
The Price Is Right!!

ALL MODELS! — N.I. MANURE SPREADERS IN STOCK

ALL MODELS! — N.H. TANK SPREADERS IN STOCK

We Need Good Used Spreaders
CALL US!

Sales & Service On:
• Ford • New Idea • New Holland

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434

NEW IDEA | MF | case | GEHL — Gets into your system

A. L. HERR & BRO.
Quarryville, Pa. 17566
717-786-3521

NEW EQUIPMENT

MASSEY FERGUSON: 275 Tractor; 43 Plow (3 btm.); Post Hole Digger; 720 & 520 Tandem Discs.-Balers.
CASE: Chisel Plows; Unloaders Mod. 1816-1830-1845, Discs - offset and Tandem; Tractors 1410, 1210 Stand, 1212 Powershift, 1370 w/cab, 1070 Cab, air, heat, 990, 995.
GEHL: CB600, CB800 Harvester, 72C Flail, FB 99 Blower, Forage Wagons, Round Baler, 120 Grinder Mixer, 170 Mixer Feeder, 6-8-10 ton running gears.-880 windrower.
NEW IDEA: Fert. Spreaders, Spinner Type; Manure Spreaders; uni-System & attachs. Cut-ditioner rakes, corn pickers.
MISC.: Plow 4 Bottom. Pittsburgh 12 ft. Disc., Dunham Cultimulcher, McCurdy Gravity Bins, Landoll Soil Master.

CASE COMPACT TRACTORS
USED
Case, New Idea Elec.,
Bolens, Yardman, Sears

— USED EQUIPMENT —

TRACTORS
Farmall 400
Farmall C
IH 444
IH 424 (Extra Clean)
Case 530 w/Loader
Case 630
Case 970 w-turbo
SC w-loader
JD 4020
NI 702D Uni-system

SKID LOADERS
Case 1737, and 1740

MISC.
Ford Rake 3 pt.
Case Tandem Disk
Case Flail Chopper
NH Hay Elevator
Forage Boxes
Cut-ditioner 270
Gehl Snapper SH 600
Brillion Cultimulcher

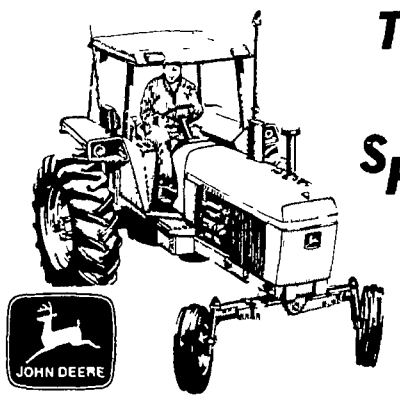
SPREADERS
NI 212, 213, 214, 202, 224 Completely Reconditioned
JD 40

GOOD USED EQUIPMENT
Ford Tractors
9600 cab, AC, duals, 550 Hrs., excellent
8600 1500 hrs., cab, AC, excellent
8000, good
5000 cab, air, dual 18.4x30, 1300 hrs., excellent
5000 new hydraulic pump, diesel, good
(2) 860 1 gas, 1 diesel, very good
(2) Jubilees, very good

OTHER USED EQUIPMENT
JD 6600 combine, cab, air, 4 row head, 14 ft. grain table 1300 hrs., excellent
MF 20 industrial loader tractor, excellent
Farmall M, good

Also We Have Some Very Good Used Tillage Equipment In Most Sizes.

DUFFEY FORD TRACTOR
Wye Mills, MD
Rt. 404, ½ mile East of U.S. 50
301-822-6400



TRACTOR TRADE SPECIALS

1961 JD 2010G $2395.00
1975 JD 2030D w/ROPS 6800.00
1961 JD 3010D 4500.00
1973 JD 4630D w/cab & duals 19,000.00
1967 JD 5020D w/duals M&W Turbo 10,000.00
★ Oliver 70 Row Crop 750.00

SAVE DOLLARS NOW WAIVER OF FINANCE AVAILABLE THROUGH JDCC

★ Check our combine rental fleet for SPECIALS!

AGWAY

AGWAY, INC.
Chapman Equipment Center
R.D. #2
Wescosville, PA
215-398-2553

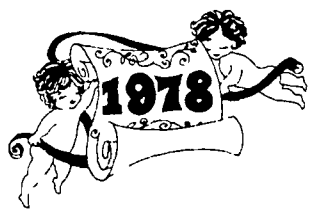
TRACTORS
JD 4620D Cab
JD 4430D, Cab & Air
JD 4320D Cab
JD 4230D
JD 4020 Side Console
JD 4020D, '67 model
JD 4010D WF
JD 3020D
JD 3010D
JD 2030D Ind. PTO
JD 830, 391 hrs.
IH 1466, Cab & Air
IH 1066, Cab
IH 966 Cab
IH 85 SOLD
IH 806
IH 756 Gas, very nice
IH 706 Gas w/Cab
IH 560 Gas WF
Ford 7000D
Ford 5000 Gas '72
Oliver 1655D
MF 590D

GRINDER-MIXERS
Gehl 12 SOLD

COMBINES
JD 3300 w/ SOLD Plat.
Gleaner F w/2 Heads, like ne SOLD
Gleaner K 10' Plat.
Gleaner G w/2 Heads
MF 410 Q.T. Plat.
MF 300 Q.T. Plat.

TILLAGE
JD AW, KBA Discs
JD Plowing Disk & Offset
JD BWF 16 SOLD ving Disc
JD & IH 3-4-5 Bot. Plows

CORN PLANTERS
JD 7000 4R 38" Used
JD 7000 (new), fully equipped 4R 30"
JD 1250 6R Plateless, excellent
JD 1240 Plateless, dry fertilizer
JD 1240 Plate, liquid fertilizer
JD 494A Dry Fert., very good



Extending sincere appreciation for your last year's purchases and looking forward to serving you in 1978.

HAPPY NEW YEAR!

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049
215-965-5203

NEW EQUIPMENT

Full Line of Ford Tractors
Kubota Tractors and Equipment
7B Spring Trip Ford Plow $2500
8B Spring Trip Ford Plow $2800.
McCulloch Chain Saws
18 ton E SOLD aver Trailer
9 ton Eager-Beaver Trailer

USED EQUIPMENT

Hanson 3 pt Snow Blower
Large Selection A-1 Used Tractors
GHGBR 35 SOLD , Gooseneck Low y Trailer
3 pt Rear Scraper Blades
Garden Tractors, Snow Blowers and Blades
Sauder Asphalt Spreader
Myers Sherman Co. Stump Cutter
Wayne #53 Sweeper
E-Z Lift Model JE 2,000 lbs. cap, electric and hydraulic operated.

STRALEY FARM SUPPLY, INC.
1760 East Canal Road, Dover, PA 17315
717-292-2631 or 717-292-4443

TRACTORS
AC 200 Diesel w/cab
AC 190 Diesel
AC 220 Diesel
JD 4010 Diesel
JD 430
JD G
JD A
Farmall 656 Diesel
Farmall 460 Diesel
Farmall 340
Farmall M
Oliver 1950-T Diesel
Oliver 770
Oliver 88
Oliver Super 77 Diesel
Oliver 1855 w/only 1490 hrs.
MF 50
MF 165 Diesel
Ford 900
Ford 4000
Ford 8N w/windbreaker

COMBINES
AC Gleaner G w/grain & corn heads, A-1 cond.
AC Gleaner C II w/grain & corn heads
JD 45 w/grain & corn heads
JD 45 w/grain & corn heads, 1968
NH 975 w/grain & corn heads

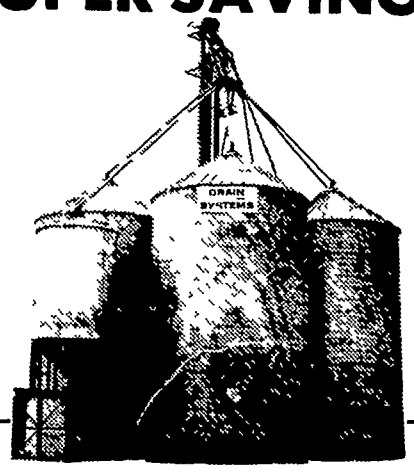
MANURE SPREADERS
NI 213 single beater, only 4 years old
NI 165 bushel Flail Chopper, only 3 years old
NH 300 bushel w/tandems
Badger 175 bushel, only 4 years old
NI 165 bushel Flail Chopper
JD 33, 130 bushel

CORN PICKERS
2 IHC #2 2-row mounted
NI 2-row mounted w/520 husking bed & 315 sheller
NI 305 Picker & 307 Husking Bed
NI #10 1-row Picker

ALLIS CHALMERS

C. J. Wonsidler Bros.
ALLIS-CHALMERS SALES & SERVICE
Trumbauersville to Finland Rd.,
Quakertown, PA 18951
CALL (215) 536-1935, 536-7523
or 767-7611 (New Tripoli)

SUPER SAVINGS



A GSI On-Farm Storage System.
Now Priced Lower Than Ever!
1400 to 153,000 bu. Bins, Bulk Tanks, Legs, Augers, Drying setups, Cleaners. Sales, Service, Installation. Be Sure To Call Us For The Best Deals!

Fiberglass Tanks Store Liquid Fertilizer

SAVE BIG $ ON WINTER NITROGEN SALES

GAYLORD EQUIPMENT
88 Ridge Rd. Monmouth Jct. N.J. 08852
201-329-2666 (24 hr.)

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

HAPPY NEW YEAR.

FARMERSVILLE EQUIPMENT INC.
RD #4 EPHRATA, PA

WILL BE CLOSED ALL DAY

MON. JANUARY 2

Contact Us Now For Winter Discounts
On
- Grain Storage & Drying Equipment
- Jamesway Barn & Feeding Equipment
- Silos

JOHN DEERE 270 SNOW BLOWER FRONT MOUNT FOR 3010 or 3020
Practically New
$1200.00

NEW EQUIPMENT

SPREADERS
JD 34, 40
NH 513, 519, 679, 791

BALERS
NH 273T, 315T
JD 336T, 346T, 346W

LOADERS
JD 143, 145, 146, 148, 158

HAYBINES
NH 477, 479, 488, 495, 1495
JD 1209

FREE FINANCING ON MANY ITEMS

I. G. SALES
Silverdale, Pa. 18962 215-257-5135
JOHN DEERE
SPERRY NEW HOLLAND DeLAVAL JAMESWAY Quonset Buildings

CFH
JOHN DEERE
Ballion GANDY LAWN BOY BUSH-HOG HOMELITE LELY YAN-MAR

YEAR END CLEARANCE

Due to Overstocked Inventory, We MUST SELL QUICKLY!

LELY
Precision Broadcasters:
Pikant 3 pt. 600# cap.
List $395 ~~Was $345~~ ..... NOW $335
HR 3 pt. 800# cap.
List $695 ~~Was $625~~ ..... NOW $595
Roterras: (one of each)
350-30 140" width
List $5895 ~~Was $4995~~ ..... NOW $4895
400-40 160" width
List $7225 ~~Was $6195~~ ..... NOW $5995
Sprayers: (one of each)
GA 300 gal. pull type
List $1750 ~~Was $1595~~ ..... NOW $1495
Tractor Mount-400 gal.
List $1795 ~~Was $1625~~ ..... NOW $1595
BUSH HOG
Rotary Mowers: (one of each)
307R 7 ft. H.D. 3 pt.
List $1535.96 ~~Was $1479.00~~ ..... NOW $1395
126R 10½ ft. pull type
List $2629.05 ~~Was $2395~~ ..... NOW $2495
1315RW 15 ft. bat wing
List $5313.86 ~~Was $4680~~ ..... NOW $4495
GLENCOE
SSPA-9 11 ft. soil saver
List $5067 Was $4950 ..... NOW $4495
YANMAR
YM135T 13hp tractor
List $3201.15 ~~Was $2995~~ ..... NOW $2795
YM155A 15hp tractor
List $3407.87 ~~Was $3195~~ ..... NOW $2995
YM240T 24hp w/turf tires
List $4368.06 ~~Was $4195~~ ..... NOW $3995
YM240 24 hp w/trac tires (demo)
List $4298.17 ~~Was $4095~~ ..... NOW $3750

CFH, Inc. East Main Street Cecilton, Md. (301) 275 2195

USED EQUIPMENT

JD 4020 Diesel Tractor
JD 3020 Gas Tractor
JD 2030 Tractor
JD 2020 Diesel Tractor
Deutz 13006
AC D19 Gas Tractor
1855 Oliver Diesel
JD FBB Drill 17 x 7
NH 269 Baler w/thrower
IH 430 Baler
New Idea 270 Cut/ditioner
New Idea 212 Spreader
NH Tank Spreaders
JD Spreaders
IH Spreader 175 bu
JD 100 Disk 3 point
JD AW Disk
Dunham Roller Harrow 14 ft
JD 350 4-B Plow with Midwest Harrow
JD 1600 Chisel Plow
JD 4400 Combine, Gas

NEW EQUIPMENT

JD 2240
JD 2440
JD 2840
JD 4040
JD 4440
JD 500 Round Baler
JD 336 Baler w/engine
JD 1209 Mower Conditioners
JD 440 Disk
JD 205 Rotary cutter
JD 7000 6-row N Planter
JD 7000 4-row N Planter
JD 8000 Grain Drill
JD 10 ft. Roller Harrow
NH 310 Baler w/engine
NH 283 Baler w/thrower
NH #8 Forage Wagons
NI Spreaders
NH TR 70 Combine 4 Row wide head
Grinder-Mixers Models 353-355-357
NH Spreaders
Brillion 10 ft seeder

FREE FINANCING On New And Used Mower-Conditioners & Balers, Til June 1, 1978. New & Used Forage Harvesters, Forage Boxes and Blowers Till Sept. 1, 1978
New and Used Tractors Till March 1, 1978

WINTER BUYER'S DIVIDEND NOW IN EFFECT ON SPERRY NEW HOLLAND PRODUCTS SAVE FROM $125 TO $800

Sperry New Holland
A. B. C. GROFF, INC.
JOHN DEERE
New Holland, PA - PH: 717-354-4191

JOHN DEERE *Nothing runs like a Deere*

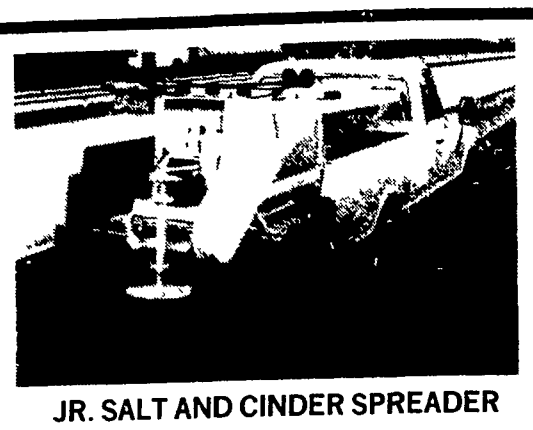
USED FARM EQUIPMENT
IH 674 w/loader
JD 2510
JD 720
JD 630
Farmall 400 Diesel
IH 711 12' Rotary Cutter
JD 34 Spreader w/hyd. end gate
IH 550 Forage Harvester
NH 717 Forage Harvester
NH 880 Forage Harvester
JD 14T Baler
IH 46 Baler w/thrower
JD 4400 Combine
NH 1469 Haybine, ex. cond.
JD 1240 Planter w/fert. & insect. attch.
Pittsburgh 11 ft. Disc
IHC 11' Disc
IH 2 pt. 3B Plow
JD 5B 2500 Hyd. Reset Plow
(3) JD 1600 Chisel Plows
5 HP 3 phase elec. Motor
15 HP 3 phase elec. Motor
1000 gal. Girton Tank
500 gal. Unico Milk Tank
Used Vacuum Supplies

NEW FARM EQUIPMENT
JD 4440 w/SG & QR
JD 4430 w/SG & PS
JD 4230 w/RG & PS
JD 2640 Tractor
JD 2440 Tractor
JD 2240 Orchard Tractor
JD 336 Baler
JD 1207 & 1209 Mower Conditioners
JD 7000 Corn Planter
JD 1600 Chisel Plow
NH 479, & 1495 SP Haybines
NH 1400 Combine
NH 850 Baler
JD 500 Round Baler
NH 357 Grinder Mixer
JD 700 & 750 Grinder Mixers
JD 14x7 & 18x7 Grain Drills
Bobcat Skid Steer Loaders
Richardton High Dump Wagon
Glencoe Soil Savers
Athens Disc Harrows
EZ Trail Wagons
EZ Flow Forage Boxes
McKee 8' front mount Snow Blower

FREE FINANCING ON ALL NEW & USED TRACTORS & COMBINES

THIS WEEK'S SPECIAL
IH 674 TRACTOR W/LOADER
Low Hours, Free Financing

CLUGSTON IMPLEMENT, Inc.
DARI-KOOL Ou Matic MILKERS
Chambersburg, PA 17201
1 Block off I-81 Exit 8
Phone 717-263-4103
SPERRY NEW HOLLAND



JR. SALT AND CINDER SPREADER

Fits in most pick up trucks.
Self-contained, easy on easy off.
SLIP-IN models for large dump trucks.
TAIL GATE spreaders for dump trucks.
Manufacturers of lime & fertilizer spreaders.

C. U. STOLTZFUS MFG. INC.
Morgantown, PA 19543
PH: 215-286-5146

AGRICULTURAL INDUSTRIAL EQUIPMENT CO.

Avco NEW IDEA FARM EQUIPMENT
SPERRY NEW HOLLAND
Brillion
CrustBuster Tillage
ALLIS CHALMERS

Buyers Dividend In Effect
NEW HOLLAND
Interest Free
on Hay till 6/1/78
on Forage till 9/1/78

A.C. 20 H.P DIESEL TRACTORS IN STOCK
Ready For Delivery

TRACTORS
Interest Free
Till March 1, 1978

TRACTORS
(1)~~(3)~~ JD 4320, good cond on yard
JD 2010 Gas, good cond
Farmall 300 w/mower, side mtd
Farmall 240, quick hitch
IH 706 D w/cab, ex cond
Case 830 Gas, good cond
Case 530 Gas, w/loader
VAC Case, fair cond
Ford 4000 D w/2-row mtd picker, fair cond
Ford 800 Gas, fair cond
David Brown 990
David Brown 885 Gas, 1975, good cond
1976 David Brown 995, Orange Bottom, like new
AC 7030 w/cab, air & heater, 223 hrs, ex cond
AC WD45, good condition
(2) AC D17 Gas, good cond
AC B w/attachments
(2) AC C w/attachments
Oliver 770 Gas

MISC. EQUIPMENT
NH 276 Baler w/ thrower, good cond
IH 46 Baler
IH Baler w/thrower
IH 225 SP Mower Cond, ex cond
IH 990 Mower Conditioner, ex cond
(1)~~(2)~~ AC No-Till 4-row Planters
JD 12' Chisel Plow
Brady 4-row Stalk Shredder
NH 45' Elevator w/motor
Case 550 & 555 Mower Conditioner
NH 1880 Det Dsl, 3RN & WPU
(2)~~(3)~~ NH 880 pull type, 2R & WPU
AC 303 Baler w/thrower
NH 66 Baler
(1) NH T330 Trencher (40% off)
Case 1665 Combine, 14' head, 4-40 corn head, all good cond
(5) Used Blowers
(3) Skid Steer Loaders - Case 1737, NH 225 like new, 600 Bobcat
IHC Corn Picker 2-row wide, ex cond
(2) NI 1R Pickers, ex cond
Chevy Truck w/Grove unload box
10 ft Lilliston Rolling Harrow
AC 904 Mower Conditioner
NH 78 Baler
1976 MF 260 Forage Harvester w/2-RN, WPU, 2 RN ground ear corn
Hesston 1014 Hydro Swing
(2) NH 770 Forage Harvesters
NH 1469 SP Haybine
NH 269 Baler w/thrower, good cond
IHC 440 Baler
(2) NH 451 Mower, like new
JD 483 Mower Conditioner
JD 215 SP Mower Conditioner
(1) AC 600 4-row No-Til Planter w/liquid fert
AC 720 Forage Harvester w/corn head
(2) JD 494A Planter, good cond, w/fert
Used Gehl Forage Wagon
(10) Used Garden Tractors, all makes & H P
(3) Used Discs 10, 12 & 13 ft
Fox 546 Forage Harvester
(2)~~(1)~~ NH 461 Haybine
IHC 540 Manure Spreader sgl btr., like new
(4) Used Rakes
(3)~~(4)~~ Used Spreaders
(2) Lilliston 7'6" PT Rotary Mower
Woods 10' Rotary Mower, ex cond
NH 850 Road Baler, good
NH 479 Haybine, good cond
(1)~~(2)~~ JD 7' Rotary Mower
9 Ton Tag-Along Trailer
AC No-Till Dry Fert, good cond
All Sizes Used Spreaders

NEW TRACTORS
All H P Available

NEW EQUIPMENT IN STOCK
All Sizes Woods Mowers
(2) Brillion Chisel Plows
Brillion Transport Harrows 12' to 20'
(2)~~(3)~~ NH Skid Steer Loaders
(6) NH Haybines in stock 9 ft, 12 ft SP
(3)~~(6)~~ NH Choppers
(2) NH Round Balers
NH Spreaders, box & tank
NI Cut/Ditioner 7 & 9 ft
NI Spreaders, all sizes

Sales Call Ed Greenleaf
Sales Call Phil Hite Sales Call Chuck Huester
Service Call Milt Whiteside
Rt. 273 Rising Sun, Md
301-658-5568 301-398-6132
Immediate Financing
Hours Mon thru Fri 8 to 8 Sat 8 to 4
CLOSED SUNDAY

25,000 W. ALTERNATORS!

- P.T.O. Driven

Don't Get Caught Without Electricity - New Stock, With Copper Windings . . .

- Stationary or Portable

ASK FOR PRICES!

USED	NEW	NEW
N.H. 1010 Bale Wagon Excellent Cond.	HABAN Cornsheller 3 pt. PTO	N.H. 676 Spreader SPECIAL PRICE!

NEW AND USED JD TRACTORS

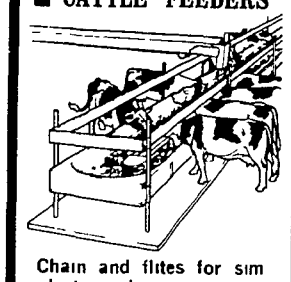
KERMIT K. KISTLER INC.

Rt. 143
Lynnport, PA 18051
215-298-3270

SPERRY NEW HOLLAND

JOHN DEERE

PATZ CATTLE FEEDERS



Chain and flites for simplicity and economy fit straight line bunks up to 200 ft long move all types of feed smoothly around bunk without sifting or separating

See your PATZ Dealer today

LANDIS & ESBENSHADE
Kirkwood, PA Box 13
717-786-4158 or 529-6231
Dealer of Terre Hill Silos

Farmall Super M with live hydraulic & PS
Ford 7000
Farmall Super A & Cultivator
Ford 3000 with loader
Farmall MTA Tractor, clean
M.F. 165 $3000
John Deere 2020 Tractor w-loader
M.F. 82 Combine w-cab $1500
M.F. 60 pull type Combine

ELMER GOCKLEY
Reinholds, RD 1, 215-267-3281

USED EQUIPMENT
JD 70 gas tractor
JD 60 tractor
JD 50 tractor
Ferguson TO 30 w/loader
Oliver 66 tractor
Oliver #351 3 pt. hitch mower
Int. 650 harvester
JD FBB grain drill
NH #27 blower
JD #66 blower
JD 1440 no-till corn planter
JD 350 5 btm. plow
JD RWA disc harrow

PIKEVILLE EQUIPMENT INC.
R.D. 2
Oley, PA
Phone: 215-987-6277
Serving the Oley Valley 41 Years.

The Tractor Specialist sells more "up-time"

case

When the land is ready, a farmer s tractor had better be ready to go That's why a Case dealer franchise just makes good common sense

As a Case dealer you re a tractor specialist Everything you do — selling servicing parts — has one target the best in farm power You and your tractors are backed by an industry "first" a sound marketing program Assured Availability It tells your customers that if, for any reason during warranty the tractor they bought from you isn't ready to go, they'll have a free replacement And Case backs you up!

Case backs you up with other strong marketing help including the Demo/Rental and Commitment to Quality programs

If the franchise is open in your territory, you may also be eligible to sell and service light construction power For information on the full potential of a Case franchise in your area write or call

CASE FRANCHISES AVAILABLE IN THE READING AND EVERETT PA. AREAS

Sam Koelpin
J I Case Company
P O Box 50128
Indianapolis, Ind 46256
Or call collect 317-849-4770
There is no obligation, of course

J I Case
A Tenneco Company

TENNECO

NEW IH 715, 815 & 915 COMBINES IN STOCK AND READY FOR DELIVERY, WAIVER TIL 9/1/78

MODEL 601 FMC BEAN POTATO HARVESTER IN STOCK!

BEAT THE RUSH! Schedule Service Work Now!

- Massey Ferguson 510 Diesel Combine With Cab & AC, 13 Ft. Platform, 63 Q 6-Row Narrow Cornhead
- 203 International Combine With 10 Ft. Head.

Waiver Of Finance Til 9/1/78 On New And Used Combines!

USED EQUIPMENT

TRACTORS
IH 560 Gas Standard
Farmall Cub
Farmall A with Cult
Farmall M
Farmall H
Farmall Super H
MF Pony with Rotary Mower
AC Model C Tractor with plow & cult
MM M602 - $3700
Ford 801
JD "B"
JD 730 D, Direct Start
Int 350 Gas, High Utility
1850 Oliver Diesel

HAY EQUIPMENT:
Sickle Bar mower for JD A or B
46 Int Baler with Thrower
IH 1300 3 pt Hitch Mower
JD Mower to fit H or M
NH Mower for H or M, Pull Type
NH 275 Baler w Thrower
Gehl FH 84 Field Harvester with Hay Pickup & 1 row Corn Head
IH No 14 Rake
JD 894A Rake
Oliver Rake

TILLAGE:
JD 220 16'5" Hydraulic Folding Disc Harrow
Int 700 7-Bottom on Land Hitch Plow
JD 950 12' Packer Mulcher, Like New
IH 5-Bot 700 Auto Reset
Mohawk 10' 3 pt Hitch Chisel Plow
AC 9 ft Disc Harrow
IH 12' Disc Harrow
(2) 5 Bottom Oliver hyd reset
IH 560 6-Bot plow
IH 12' pull type Harrow
9' Glenco trailing Chisel
IH No 55 13' Trailing Chisel
Oliver 2 Bot Trailing plow
IH 70 4 Bot Trailing Plow

MISCELLANEOUS
JD 3 pt Hitch Spinner Spreader, like new
10' Ezee Flow Lime Spreader
NH 10 ft Lime Spreader
11' Chattanooga Single Packer
10' Chattanooga packer
Sauder Loader For Ford
11' Brillion Packer with Transport
12' Brillion Single Packer with Transport
Lamco Forage Wagon
NH 345 Manure Spreader, Good Shape
MH 2 Row Self Propelled Corn Picker
JD 15x7 Grain Drill
JD 17x7 Grain Drill
Int 353 Rotary Cultivator

NH BATCH DRYER
3 Phase $1,000

WINTER SPECIALS VICON EQUIPMENT
One PS 2000 spreader, [SOLD] lb capa price $4395, SALE PRICE $3000
One PS 1001 T spreader, list price $2045, SALE PRICE $1395
One SF 2 450 power harrow, 15 ft list price $6200, SALE PRICE $4195
One MF 2 300 power harrow demo, 10 ft list price $4895, SALE PRICE $3200
Donahue carrier trailer 7 x 28 with tire, $1700
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Case 1570, cab, air, heat
Case 1370 power shift trans , cab, air, heat
Case 1175, w-cab, air & heat
Case 1070 canopy, 8 speed
Case 970, *no-cab, power shift*
Case 1410 Hydra Shift trans , 80 HP
Case 995 Syncromesh
Case 990 Syncromesh Diesel
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Case 200 w/loader
Case 1740 Diesel skid loader

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1830 Hydra Gas , 32 H P , 60" wide
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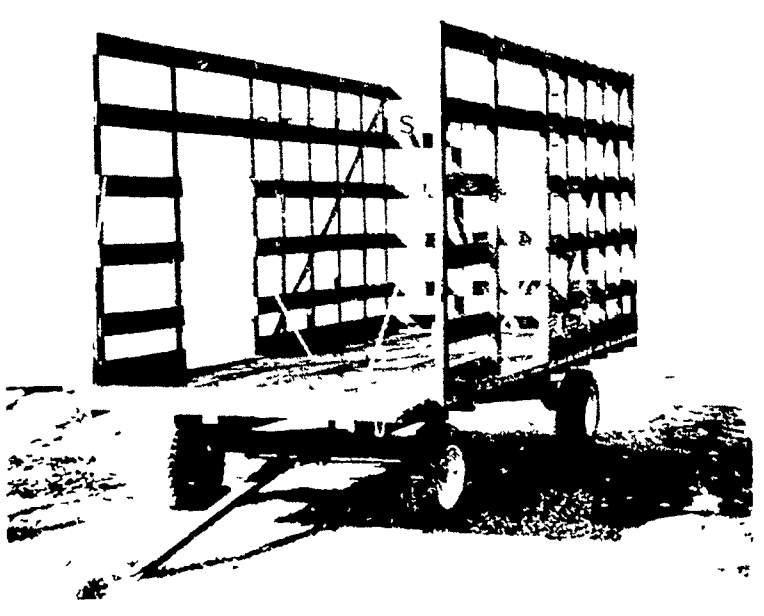

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Farmall 340 w/live PTO
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Farmall H
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6 ft wide - 3 pt
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Cat D7	$7500
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Older 300, 410, 82 w-cab. N.I. 701 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Case 1660 w/cab, grain & 4 row corn head $7200.00 N.I. 702 Uni w/cab, 729A sheller & 4 row 30" corn head, N.I. 702 Uni w/cab, chopper 3 row 30" corn head. N.I. Uni #726 husking bed.

FARMALLS (Brand New) 1586 cab & air $25,400., (New) 1566 w/cab air & factory duals $23,500. (New) 966 w/cab. (Used) 1066 gear, 1066 Hydro, 966 w/cab, 766, 1456, 1206, 856, 806, 706, 560, 1206 w/four whl. drive. Super M, 656 hydrostatic diesel, 656 hydrostatic gas, 1206 no 3 pt., Int. TD 6 w/blade. MTA, 350 w/new tires.

JOHN DEERE (New) 4440, power shift $24,600., (New) 4430 cab air $22,800. (New) 4640, 2840, (New) 4230 cab air Quad Range, 4230 Quad Range w/rollguard, (Used) 4430 cab air power shift used 900 hrs., (Used) 4630 cab air power shift used 300 hrs., 4630 Singro Range (SOLD), 4630 power shift 190 hrs., 4030 cab & air (SOLD), 4620 w/rollguard, (1967) 4020 power shift, 730D, 720D, (New) J.D. 4030 Quad Range w/rollguard. (Used) 4230's, 4620 w/cab, 5020, (2) 1967 & 1968 - 4020's 3020, 4010, 2510, 5020 tractor puller.

CASE 1370 cab, Power Shift (SOLD), Case (New) 1070 cab airpower shift priced for $17,500., (Used) 970 power shift w/roll guard, Case 970 w/8 speed, Case 1030 w/cab. 1200 4 whl. drive w/front blade Case 930 (SOLD), M M.G. 900, White (New) 2-85, 2-105 Oliver 1855, 2150, 2050, 1850, 1800, 1750, 1650. Oliver 1650D w/4 whl. drive. Oliver 770.

MASSEY FERGUSON 1155 w/cab used 300 hrs. (SOLD), M F. 1130, 1080, 180 diesel, A.C. 7050 cab & duals, XT190, 180, D19 diesel, D17 series IV w/3 point, Ford 6000 Commander w/18 x 34 tires, Ford 8000 no cab.

CORN HEADS - John Deere 443, 843, 643, 444, 343, 244, 435, 434, 335, 235, 234, Massey Ferguson 44, 43, 24, 222, for 300 & 82, Gleaner F335, A330, Int. 763 six row, 227, 3 row J.D. model 313 for 55 combine (like new). Case 402. (40) corn heads to pick from on our lot.

BALERS - N.H (Used) 278 fully equipped, Int. 440 w/thrower $2000.

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CORN PLANTERS - (Specials)(New) J.D. 700 four row. (New) White 5400 four row w/monitor. J.D. 6 row model 1260 plateless w/insecticide & monitor. (Used) Int. 4 row 400 Cyclo (nice) $2600., (Used) 400 Cyclo 6 row w/no till & monitor, A.C. 6 row air w/no till w/insecticide & monitor.

PLOWS - New White 508 - 5-18 automatic reset. J.D. and Int. 4,5,6,7 trip and resets. Oliver 5,6,7 trip and Hydraulic reset, chisel plows 3 point 10-13 ft., Int. 12 ft. cultimulcher (demonstrator also J.D. 10 ft.) (3)(1)(New) Int. 350-11 ft. disk.

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NH S675 Spreader
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NH 717 Forage Harvester w/corn head
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MF 750 diesel Combine w/14' table
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MF 880 4B-16" Plow
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MF 25 Disc Harrow 6½'
MF 25 Disc Harrow 8'
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MF 22 Baler Thrower
MF #39 Corn Planter
MF 44 Corn Head
MF 50C Tractor w/MF 300A loader & MF 54A backhoe
MF 40B diesel Tractor w/34A loader & cab
MF 230 diesel Tractor
MF 1200 Lawn Tractor w/mower
MF 30B diesel Tractor w/loader & cab
MF 245 diesel Tractor

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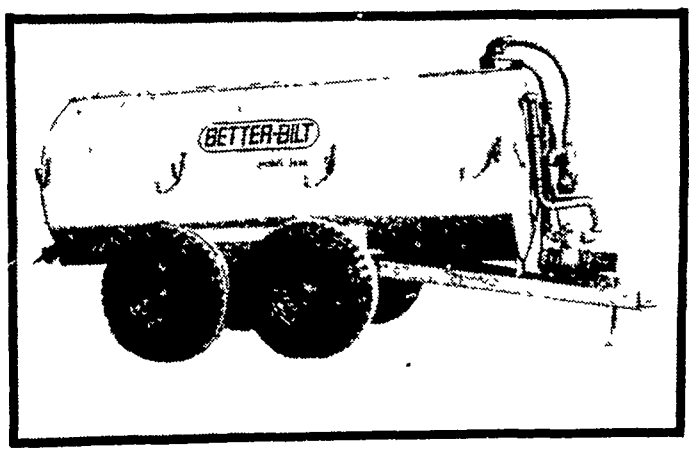

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For Sale - Stock tanks, medicine fountains, Trojan hog waterers, heated waterers, AgStar rotary hog feeders; 40-60-80 bu. round feeders; replacement feeder bottoms; steel pipe gates, Magic-Ray flameless gas pig heaters, button type hog ear tags, discount on hog feed medications. Zimmerman Animal Health Supply, 717-733-4466.

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Registered Holstein bulls, 1 year old and younger. Out of dams with records to 24,000 milk and 900 fat. Stump Acres 717-792-3216 York County.

For Sale - Feeder Pigs. We aim to please. 215-789-4677.

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Will buy on order, truck to your farm or assemble for your trucker
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For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, R2, Strasburg, Pa. Ph: 717-786-2562.

For Sale - 2 Holstein stock bulls. 717-786-2975.

For Sale - 4 service age crossbred boars, 1 Jersey heifer due soon (registerable), 308 bu. NI manure spreader. 717-442-8104.

For Sale - 80 Marc 3 waterers, 1 200 ft. Choretime feeder, 4 220 ft. Choretime feeders, all good condition. 717-677-8715.

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For Sale - Five bred heifers due January or sooner. Wingland Farms, Ph. 717-766-2954 or 717-766-9812.

For Sale - Saddlebred mare, a man's horse $375, White work horse, good worker $635, 3 yr. old saddlebred colt, broke, style - or will lend him out to you for his board. Eli Kinsinger, RD 1, Kirkwood, Pa.

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20 week old Anthony A-76 pullets
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Hubbard Leghorns
DeKalb Warren Sex-Link
CHICKS & STARTED PULLETS

SEX LINK 20 wk		LEGHORN 20 wk
Jan 6 1,650	March 1 4,000	Dec 17 - 1,000
Jan 18 - 2,500	March 21 - 5,000	Dec 28 - 300
Feb 7 1 500	March 29 2 500	

POULTRY & SUPPLIES

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Hatched weekly from our own Breeders U S Pollorum Clean

Hubbards white leghorns
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STARTED CHICKS
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ALSO -
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Hauling can be arranged.
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To All Our Customers & Friends Our Sincere "Thanks" For Your Patronage This Past Year & Our Best Wishes To You For A HAPPY NEW YEAR.
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WE ARE NOW CONTRACTING NEW CROP CORN.
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$7.00 per ton, loaded on your truck in Adams, Co. Delivery Available.
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Ask for Ann or Randy for current prices.

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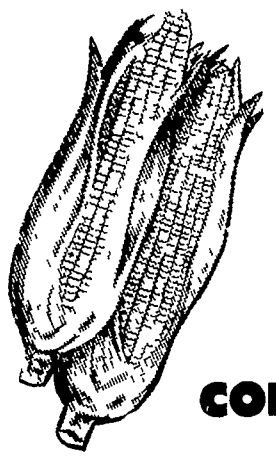

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High Pressure Water Sprayers w/Gas Engine
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Starline Silo Unloader 16' $1395.00
16' Silo Matic w/Motorized Winch $1200.00
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We'll take care of all your grain needs.
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Wipe out odor and solid problems.
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Stop pit odors produced by organic wastes effectively, rapidly, with **Pit-Zyme** bacterial enzyme; effective on light solids, too

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Experienced married man to work on dairy farm with mechanical ability, housing for small family Paradise RD 1 area Write Box 266 L-21, c/o **Lancaster Farming,** Lititz, Pa 17543

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Top salary for experienced and ambitious dairy herdsman Over 50 - cow registered Holstein herd, 600 lb average Loose housing with automatic feeding Three bedroom, 70-ft mobile home with 12x24 family room addition provided York County Bupplynn Farms Call 717-428-1865

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Help Wanted at Lancaster Silo Co Contact Elmer Stoltzfus, 2436 Creek Hill Rd , Lancaster, Pa.

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HELP WANTED

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1975 Plymouth Voyager, 15 Pass.
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WE HAVE 4-WHEEL DRIVE PICKUPS IN STOCK.

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1969 GMC dump truck, long wheelbase, closed body, 21,000 GR WT recently rebuilt engine, clutch, brakes, 2 sp. rear make, good grain truck, good rubber. 215-282-3711.

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'76 Ford Bronco, V8, St Shift, PS, PB, Fr Wheeling Hubs, Low Miles - **$5495.**

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'74 Chevy ½ Ton Pickup, V8, 4 Speed, PB - **$3995.**

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'75 Chevy Suburban, V8, Auto , PS, PB, AM-FM, Only 14,000 Miles **$4995.**

'74 Chevy ½ Ton Pickup, V8, St Shift, PS, PB - **$3295**

'74 Ford ¾ Ton Pickup, V8, Auto , PS, PB, Low Miles, Must See To Appreciate - **$3995.**

'74 Int Scout, V8, St Shift, 2 Tone Paint **$2995.**

'74 Ford ½ Ton Pickup, Ranger XLT V8, Auto , PS, PB **$3595**

74 **GMC ½ Ton,** V8, Auto , PS, 2 Tone **$3795**

74 **Ford ½ Ton Pickup,** Ranger XLT, 390 V8, Auto , PS AM-FM Stereo, AC, Black & White **$3895.**

'74 Chevy ½ Ton Pickup, V8, St Shift, Real Clean **$2995**

'74 Dodge ½ Ton Pickup, V8, Auto , PS, PB, AC, Driven Only 29,000 Miles - **$3395**

'74 Chevy ½ Ton Pickup, 6½ Ft Bed, V8, St Shift, PS, PB, Cheyenne Super Package, 2 Tone Paint, Must See To Appreciate **$3995.**

'74 Ford ½ Ton Pickup, 302 V8, Auto , PS, PB - **$3595.**

'74 Ford Super Cab, V8, Auto , PS, PB, Fact Air, Low Mileage - **$4495.**

'73 Ford F600 Crew Cab, W/12 ft Stake Body, 42" Metal Racks, V8, 5 Speed, PS, Vacuum Booster, 8 25x20 Rubber, 19,000 GVW, 1-Of-A-Kind, Real Clean, A Rare Item, Low Mileage - **$5195.**

'73 Toyota Pickup, W/Cap, 4 Cyl , Auto , Rear Step Bumper, Absolutely Showroom New, Driven Only 10,000 Miles - **$3395.**

'73 El Camino Estate, V8, Auto , PS, PB, Low Mileage, Real Clean - **$3595.**

'73 Ford ½ Ton Pickup, Ranger Package, V8, Auto , PS, Fact Air, Low Mileage - **$3995.**

'73 Chevy El Camino, V8, Auto , PS, PB, Fact Air, Low Mileage - **$3795**

'73 Datsun W/Cap, 4 Cyl , 4 Speed, Low Miles - **$2995**

'70 Ford ½ Ton Pickup, 6 Cyl , St Shift, A-Title, 12,000 Orig Miles, Showroom Cond , Must See To Appreciate - **$2895.**

'70 Ford 1 Ton Stake, 300 Cu In , 6 Cyl , 4 Speed, Dual Wheels in Rear, 12' Bed, 42" Stake Racks - **$2895.**

'69 GMC, V8, Auto , PS, PB, Cr Air - **$2595.**

VANS

'77 Dodge Royal Sportsman, 8 Pass , 360 V8, Auto , PS, PB, Fact Air, Radial Tires, 2 Tone Blue, Low Mileage - **$7695.**

'77 Chevy ¾ Ton Van, V8, Auto , PS, PB, AM Radio, Showroom Condition - **$4995**

'75 Chevy ½ Ton Van, 6 Cyl , St Shift, Low Mileage **$4395**

74 **Dodge Kary-Van,** V8, A, PS, PB, 10 Ft Body, 38" Swing Out Rear Doors, 8200 GVW, Low Mileage - **$4695.**

'74 Dodge Window Van, V8, Auto , PS, PB, Low Mileage **$3995.**

'68 Ford ¾ Ton Van, 6 Cyl , St Shift, Real Clean **$2495**

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[2] Case 1740D Uni-loaders	$4000-$6500
[2] Ford 4500 w/ROPS	$6900 each
Case 1816 Uni-loader - excellent	$3150
Owattona 1700 Uni-loader	$3750
Ford Uniloader	$3300
Terex 72-10 w/GM Diesel-all new rubber-rebuilt torque	$14,500
Trojan 304A w/GM Diesel	$11,600
JD 1010 w/ldr	$3900
Hough 90E - articulating	$28,000
CAT 944 - excellent - new tires - rebuilt cab	$14,500
Trojan 154 - GM Diesel - 4WD	$2750

MISC. CONSTRUCTION

Lincoln Portable Welder	$1500
Bay City 65 Dragline - 50' Boom	$5500
[3] CAT 641 Scrapers - 64F Series	$18,000 choice
[2] CAT 631A Scrapers	$16,000 choice
5 set Forklift Forks	$150 & up
[40] Backhoe & Loader Buckets	$75 & up
Roll Bar	$400
[5] Sweepers - mounted & self contained	$200 & up
[2] Rubber Tired Rollers	$1500
3 pt. Stone Rakes	$535
3 pt. Aerator	$475
Schramm Air Compressor	$1975
1 ton Rollers	$1500
Galion 3-5 ton Roller	$2000
Lorain Truck Crane - Cummings diesel - 18 ton	$5500
Galion 10 ton Roller - clean	$4900
Hobart Portable Welder - 6 cyl. gas engine	$895
Chicago 125 CFM Compressor	$2000
Stationary Compressor for small garage	$600
Farm 3 pt. Winch	$1750

CARS & TRUCKS

1971 Ford - Cat diesel - rollback	$8500
1965 Chevy Tilt Bed - PS - clean	$4750
1977 Chrysler Cordoba - loaded	$6000
1977 Transtar Eagle - 5000 mi. - Cummins - AC - p windows - loaded - polished Budds	$32,500
1978 Chevy Pickup - PS - PB - Auto	$5750
1975 Ford Granada	$3500
1976 Int. Transtar-318 loaded-COF 4070-30,000 mi.	$30,000
1975 Chevy Monte Carlo - excellent	$4000
1973 Chevy Malibu-Laguna - excellent - 23,000 mi	$2700
1975 Cadillac Fleetwood Brougham	$6500
1977 Chevy Cheyenne Pickup - loaded - air	$6250
1977 Chevy 4 WD Pickup - PS - PB - Auto	$6250
Demo - 1977 Cadillac Coupe Deville	$9700
1977 Chevy C30 Rollback - 15' bed - winch	$9500
1967 Ford Shelby GT500 - 4 speed - sharp - PS	$7000
1968 Ford Shelby GT350 - conv. 4 speed - sharp - PS	$7500
1976 GMC Customized Van - Midas Touch - loaded	$7500
1964 Chevy Impala Convertible - PS - PB - Auto	$1275
Ford Cattle Truck	$1900
1972 Int. 4WD Pickup	$1750
1964 Corvette - 2 tops - 4 speed	$4900
1930 Model A Ford - 2 dr. sedan	$4500
1976 Chevy Pickup - PS - clean - low miles	$3695
[2] 1978 Chevy 4WD Pickup - PS - PB - Auto	From $6975-$7795
1965 Ford-10 wheel dump-diesel-10 speed RR-PS	$2900
1971 White 10 Wheel Dump	$9500
1966 Brockway & Trailer	$9500

CRAWLER DOZERS

CAT D9G	$55,000	Int. TD 24	$2500
JD 450 6 way - clean	$9000		

FEED MILLS

[2] Hammermills	$150 ea	Gehl	$1695
Wetmore - new	$2875	NH 350	$975

LOG SKIDDERS

Franklin 160 w/grapple	$8500
Int. S7B	$8500

CUSTOM HAULING DONE

We Use
42' Drop Deck
44' Combine Trailer
Detachable Lowboy
Tandem Axle Tractor

NEXT CONSIGNMENT SALE

MONDAY, FEBRUARY 20
9:30 A.M.

NEW & USED DUALS ON STOCK

WANTED

TRACTORS & COMBINES FOR SALVAGE

FLAIL CHOPPERS

JD 16A	$1575
[2] JD 15	$750 to $650
Int.	$375

USED CABS

CAB OFF MF 82 Combine	$675
CAB OFF AC 220	$1350

SPREADERS

NH tandem axle	$2500	Oliver PTO	$495
NI #18 - clean	$950	Small Schultz - new	$595
[3] Int. Cubs	$595 & up		

FORKLIFTS

White - Solid Tires	$3500
Clark 5000 lb Solid Tires	$2250
York-Baker - air tires - clean - 6' forks - excel	$10,500

TRAILERS

1978 Fontaine 42' drop deck	$9850
New Horse Trailer for 2 horses	$1875
1977 Delta Combine Trailer - 44'	$11,000

UNI SYSTEM EQUIPMENT

NI 729 A Sheller	NI 3x30 Harvester Head
NI 726 Husking Bed	[2] NI 2x40 Harvester Head
[3] NI 710 Combine Unit	[3] NI 2x40 Corn Head
[2] NI 713 & 711 Grain Head	[2] NI Uni Pickup Head
NI 4x30 Corn Head	NI 702 Uni Tractor - diesel
[2] NI 3x30 Corn Head	[2] NI 3x40 Corn Head

CORNPICKERS

NI 310	$1975
[2] NI 323	$2500 each
NI 325 30" Sheller	$2650
[2]NI #10 1 x pull	$1375
NI 8 roll mtd	$500
NI 1 row pull #7	$350
NI 2x40" Sheller	$1900
[2] Int 234 2x mtd. - clean	$2750
Oliver #5 Picker	$1275
NI 311 2x40	$1875
NI 324 w/Super Sheller	$5000

CORNSHELLERS & GRINDERS

[5] Int. 234 Sheller Units
[9] NI Shellers & Grinders for 2 row pull & mounted pickers
MM 1200 Sheller
[2][3] JD 43 Cornshellers - PTO
3 pt. Corn Sheller

TRAILER SPECIALS

New Hudson 3x-36,000 lb.	Special $4680
New Hudson 1x6,000 lb.	Special $1397
[2] Hudson 2x tag-a-long-12,000 lb.	Special $1982
[2] Hudson 3x tag-a-long-12,000 lb.	Special $1530
New Snowmobile Trailer	Special $ 379
New Hudson 2x-8000 lb.	Special $1067
[2] New Hudson 3x-16,000 lb.	Special $2367
New Hudson 2x-24,000 lb.	Special $3839

SPECIALS

YEAR-A-ROUND CABS—YOUR CHOICE TO FIT:

Oliver 1550-1555-1650-1655-1755-1855-1955-1750-1850-1950-2-105-2-70-2-85
Int. 544-656-706-756-806-856-1026-1206-1256-1456-666-766-966-1066-1466-1468-574-674
J.D. 2510-2520-3010-3020-4010-4020-4320-4000-4030-4230-4430-2840-2640-2440
AC 190-190XT-200-210-220-7030-7050-170-175-180-185
Ford 5000-7000-8000-8600-9000-9600-6600-7600
Cabs Include:

1. Two Toned Matched Paint
2. Tinted Safety Glass
3. 2 Removable Doors
4. Windshield and Windows Which Open or Remove
5. Mounting Brackets
6. Reinforced Roof
7. Sky Hooks
8. Pre-Assembled All Welded Construction
9. Deluxe Interior, Completely Upholstered (Including Roof) With 1" Thick Foam Rubber Covered With Perforated Vinyl
10. [2] Front Light Brackets
11. [2] Rear Light Brackets
12. Extra Heavy Duty Window and Door Hinges
13. [2] Extra Large Steps
14. All New Rubber Mounting
15. Special Sound Resistor Pad Covering Entire Tractor Platform, Plus Quality Long Lasting Heavy Floor Mat
16. 2" x 4" Steel Tubing Frame
17. Cab Completely Rewired With Quick Clips Front and Rear and With Fuse Box
18. All Wires Are Concealed Within Frame of Cab
19. Fender Area Recessed For 30" Rows
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21. Twin Fresh Air Fan
22. Heater
23. Defroster
24. Donaldson Air Filter
25. Windshield Wiper

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Fenders Traded In If You Wish

"FARM TRACTORS"

JD 720 Diesel	$2850
[3] JD 830 2 cyl Diesels	$3500-$4000
JD 730 direct electric - one with WF	$3250
JD 2040 w/loader - 100 hours - demo	$9500
JD 3020 Diesel - 3 pt	$7000
JD D - 2 cyl	$1500
[2] FARMALL 1206 - cab	coming in
FARMALL 760 German	$6500
FARMALL C w/loader	$1750
[2] FARMALL Cubs - plow - cult - clean	$2275
FARMALL 130 - clean	$2250
FARMALL Cub w/Woods rotary mower - hydraulic	$2000
FARMALL M w/loader	$1375
FARMALL 350 Diesel	$1275
FARMALL 140 w/sickle mower	$1650
FARMALL Cub - F H - Woods mower	$3950
FARMALL 200 F H -plow-cornplanter-cult -mower	$3250
FARMALL 1456 - clean - 20.8x38	$10,000
FARMALL 806 Diesel - clean	$6950
[2] FARMALL 806 Diesel - cab - WF - 3 pt	coming in
FARMALL 1206 Diesel - cab - WF - 3 pt. - clean	$8750
FARMALL 706 - Tricycle - F.H - diesel	coming in
FARMALL 856 - cab - WF - 3 pt - clean	coming in
FARMALL 1256 w/cab	coming in
[2] Ford 4500 w/loader - roll bars - counter weights	$6900
AC D21	$7000
AC C w/cultivator	$975
AC G w/attachments	$1500
AC D15 w/loader & tamper	$2600
AC 220 w/cab - clean	$9000
[2] AC D17 - gas - power steering	$2250-$2750
Oliver 1655G - WF - over-under shift	$5800
FORD 4000 - Diesel - try - clean	$4700
FORD 8N - WF - 3 pt	$1475
FORD 5000 WF - gas original	$4900
FORD 2110 w/loader - 900 hrs - like new - 3 pt power steering	$5900
[2] FORD 5000 - WF - PS - Diesels	$4850
MM G900 diesel - WF	$4500
[3] CASE 930 diesels	$1950-$3900
[2] CASE 1030 CK	$6750
CASE 2470 - cab - air - 3 pt. - 2200 hrs - 23 1x30 tires - clean	$19,500
CASE 1470 w/cab - 3 pt. - 28 1x26 tires	$14,500
MF 1130	coming in Straight Sale $5248
LONG 360 - List $6592	$5750
LONG 445 w/loader - 500 hrs - List $9043	$5664
LONG 460 - List $7053	$6445
LONG 460 4WD - List $8318	$6645
LONG 460 4WD - List $8570	$4900
LONG 560 DEMO - List $8594	$6586
LONG 560 - List $8594	$7997
LONG 560 4WD - List $10,047	$8176
LONG 560 4WD - List $10,229	$7300
LONG 560 4WD - List $10,229 - Demo	

COMBINES

Mc 80 pull type - excellent	$2000
MF 510 - quick tach - gas - priced to sell	$7900
MF 300 - no cab	$1500
NI 702 diesel - w/cab - combine & grain	$10,000
MF 410 w/cab	$6500
MF 300 w/cab	$5000
MF 300 cab - fire damage	$1500
JD 30 pull type Combine - auger feed	$775
AC Gleaner F - gas - cab - clean - 4x30" corn or 4x40"	$11,900
AC Gleaner E III - gas - cab - clean - 2x40" corn	$6750
[3] AC Gleaner E - cab	$3750-$5000
AC Gleaner C II - cab - 4 row corn	$7500
JD 3300 diesel - cab - 350 hrs. - like new	$18,500
JD 95 w/grain & 4 row corn - cab	$3500
Extra Grain Heads available	
Int. 615 - cab - brand new	$15,000

CRAWLER LOADERS

CAT 983 w/ripper	$5800
Int. 100C	$12,500
CAT 955K w/cab	$19,500
JD 450 - clean - 1970	$8500
Case 1150 - w/ripper - fair	$5850
Int. 150B powershift - clean	$8250
JD 1010 - clean	$4800
Int TD9	$2000
Int TD6 - 61 series - 4 in 1 - ripper - as is	$2750

BACKHOES

Case 580B - clean - new paint - new tires	$12,500
[2] Ford 4500 - ROPS - loader only - torque conv.	$6900
JD 2010D - cab - runs good - clean	$5800
JD Backhoe Attachment	$1500
JD 500B - 1969 - excellent - sharp	$13,500
White-Oliver - 500 hours - like new - sharp ROPS	$13,500
Long 3 pt. Hoe Attach. - NEW	$3450
Case 580 CK - clean	$6750
Int 3514 hydrostatic - 1969	$7500

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TRUCKS

For Sale - 1968 Int. 16 ft. dump truck, series 1700, ideal for hauling bulk grain, fertilizer or bedding $3500. 301-592-7991 or 592-7992 after 6 p.m.

For Sale - 1958 white tractor, as is, or for parts, 10 wheeler, 10 x 22 tires, good re-caps, no air, sliding 5th wheel, 10 speed Road Ranger transmission, PTO, engine is disabled. 717-532-4956.

TRUCKS

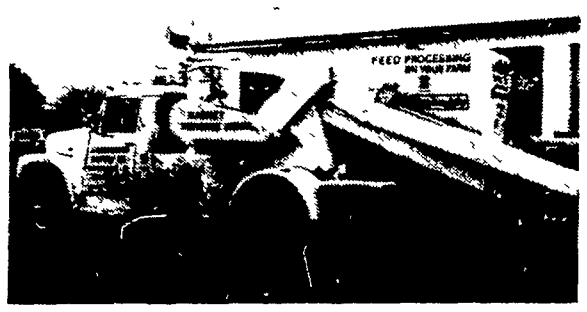
1978 GMC 4 wheel drive pickup, 350, Auto , PS, PB, $6650.

1975 Ford F150 Super Cab pickup, V8, Auto, PS, PB, $2900.

1976 Ford F100 Pickup 302, 3 speed, 22,000 miles, $3200.

1975 Dodge ¾ ton Pickup, V8, 4 speed. PS, PB, Air, AM - FM, $3400.

717-859-3291
or
717-733-4884



- Complete Feedmobile $3000 up, full parts and service center for 4-71 Detroit diesel
- 5 rebuilt diesels to choose from
- Blower hose 18'4" with ends $60.50
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1974 Trailco
Aluminum
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For Sale - Beautiful Border Collie pups, ancestry from world champion working bloodlines. Parents are workers, ready to go. Walter Jagger, Sheepy Hollow Farm, Hop Bottom, Pa. Ph: 717-289-4663.

CASH FOR PUPS
I need Purebred and cute mixed litter lots, 7 to 10 week old. Clean and healthy. Contact "Jo Jo The Dogman" at Root's Farmers Market, RD1 Manheim, PA. Every Tuesday 6 p.m. to 9 p.m. No Phone Calls.

PETS

AKC Reg. Great Pyrenees pups, shots and wormed, huge lovable show quality. Ready for Christmas. Call Bonnie Barker, Barkstead Farm, Ulysses, Pa. 16948. 814-848-7674.

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Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA 19140 or call before 8 p.m. Mon., Tues., & Thurs. only. 215.229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

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Chair Glide for stairs $500.00, 3 bedroom suits $75.00 to $100.00, sofa & chair $50.00, Dishwasher $100.00, Keresene kitchen stove w/oven $25 00, wringer washer $10 00, electric clothes dryer $50.00, humidefier $10 00, metal office chairs swivel $10 00 each, used upolstered chairs $10.00 each, end tables $10.00 each, small organ $100 00 with bench and books
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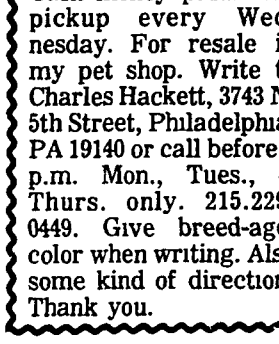

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$4222 (OR LESS)

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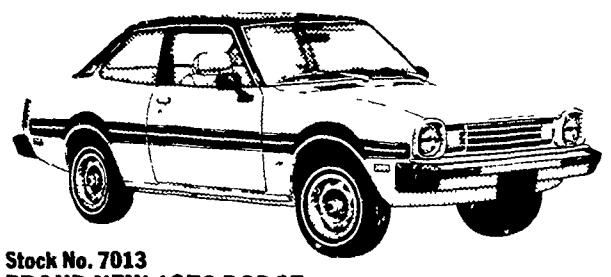
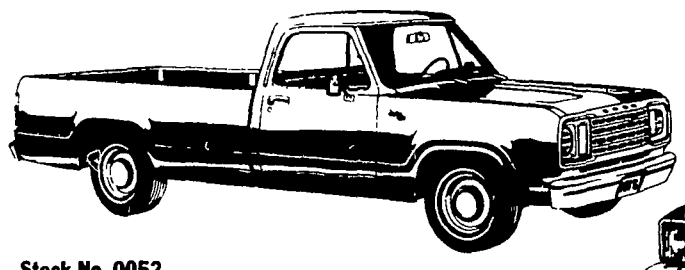


Stock No. 7013
BRAND NEW 1978 DODGE COLT 2 DOOR COUPE
4 cylinder 1600 cc engine power front disc brakes 4 speed manual transmission synchronized in all gears Canyon red with white vinyl bucket seats 600x13 white sidewall tires 11 BRAND NEW DODGE COLTS IN STOCK
AS LOW AS..... $3391

Stock No. 1014
BRAND NEW 1978 DODGE ASPEN 2 SEAT WAGON
Slant six 225 cubic inch engine with new 2 barrel carburetor 4 speed manual transmission with overdrive gear for economy power front disc brakes electronic ignition Mint green metallic with green vinyl bench seats F78x14 glass belted tires 38 BRAND NEW DODGE WAGONS IN STOCK
AS LOW AS..... $4222



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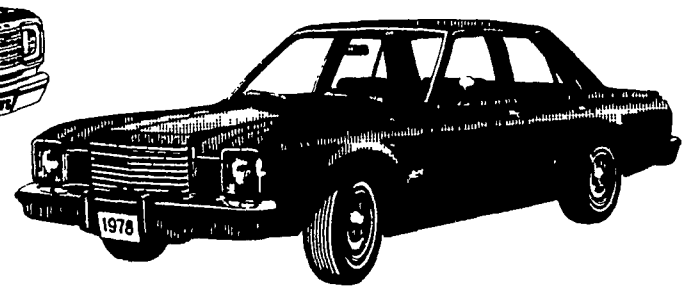
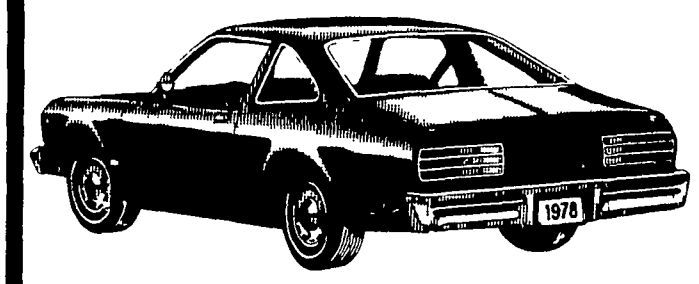
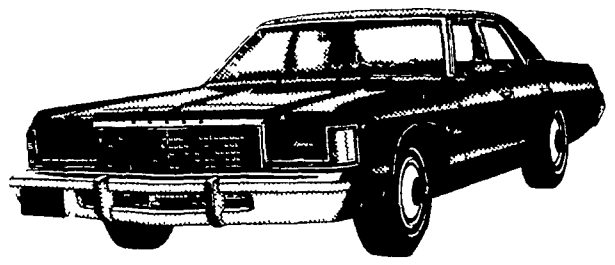
BRAND NEW 1978 DODGE D-150 SWEPTLINE PICKUP
Slant six cylinder with new 2 barrel carburetor power front disc brakes electronic ignition 6100 lb GVW package Golden fawn with black vinyl interior 34 BRAND NEW DODGE D 100s IN STOCK
AS LOW AS..... $4222



Stock No. 1045
BRAND NEW 1978 DODGE ASPEN 4 DOOR SEDAN
Slant six 225 cubic inch engine standard transmission disc brakes, electronic ignition Mint green metallic with green vinyl interior 30 BRAND NEW DODGE ASPEN 4 DOORS IN STOCK
AS LOW AS..... $3955

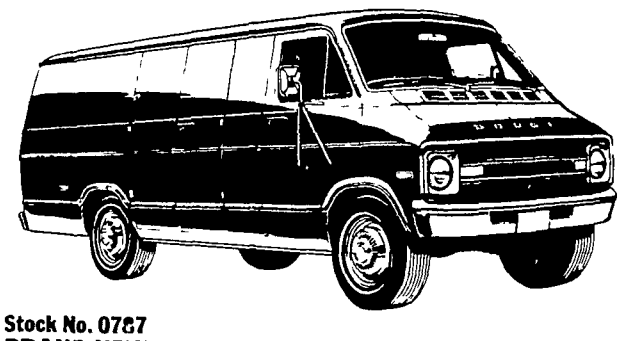


Stock No. 1078
BRAND NEW 1978 DODGE ASPEN 2 DOOR COUPE
Slant six 225 cubic inch engine disc brakes electronic ignition manual transmission Mint green metallic with black cloth & vinyl bench seats 25 BRAND NEW DODGE ASPEN 2 DOORS IN STOCK
AS LOW AS..... $3881



Stock No. 5037
BRAND NEW 1977 DODGE ROYAL MONACO 4 DOOR SEDAN
360 V 8 engine automatic transmission power steering power front disc brakes AM radio electronic ignition Mojave beige with beige cloth & vinyl bench seats GR78x15 white sidewall steel belted radial tires 9 BRAND NEW DODGE ROYAL MONACOS IN STOCK
AS LOW AS..... $4222

Stock No. 5166
BRAND NEW 1977 DODGE MONACO 2 DOOR HARDTOP
Slant six 225 cubic inch engine with new 2 barrel carburetor power front disc brakes electronic ignition Spanish gold metallic with gold cloth & vinyl bench seats F78x15 tires 26 BRAND NEW DODGE MONACOS IN STOCK
AS LOW AS..... $3588



Stock No. 0787
BRAND NEW 1977 DODGE B-100 TRADESMAN VAN
127 wheelbase slant six cylinder 225 cubic inch engine disc brakes electronic ignition windows in rear only 4600 lb GVW package Medium blue metallic with blue vinyl bucket seats 49 BRAND NEW DODGE VANS IN STOCK
AS LOW AS..... $4222

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JERSEY SHORE, PA.
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detroit connection

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For Sale - 1958 FC 150 jeep, good farm vehicle, best offer over $250. 717-677-8715.

For Sale - 1966 Chevy Nova, 2 door, power steering, latest inspection. Call 717-733-7434.

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For Sale - Wood burning cook stoves. Choose many colors. Also, FISHER HEATING STOVES. Earl Cole, RD 2 Oxford, Pa. 19363. 717-529-2740.

For Sale - Approximately 120 x 48" x 48" heavy constructed wooden pallets. Phone 717-626-8538. Nelson Weaver and Son Whse.

For Sale - Used Norge, Servel and Whirlpool gas refrigerators - reconditioned cooling units available for most gas refrigerators.
Closed from Dec. 23 thru Jan. 2.
MYER'S GAS REFRIGERATION
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Custom made storm windows and doors, aluminum windows and doors for milk house and dairy barns. Ceramic tile (seconds) for cow stable troughs.
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¼ mile N. of Bird-in-Hand on Beechdale Road

Prowler Travel Trailer 23' 1973 good condition $3000.00, will consider trade on late model mobile home. 717-652-1957. Air Compressor $700.

For Sale - Pheasant hunting September to April 30. Pheasants for stocking, all ages. Reading Hunting Area, Birds Boro, RD 1, Pa. 19508. 215-856-7670.

MISCELLANEOUS

Steel and cast iron plow shares and parts, steel 1 to 8 horse trees, yokes and wagon tongues, mower knives, Starline water bowls, anti-freeze and grease, hydraulic systems made to order, welding done Daniel S. Glick, Box 297, Rt. 1, Bird-in-Hand, Pa. 17505, NE of Bards Crossing, Rt. 23 along Windy-tore Rd.

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MISCELLANEOUS

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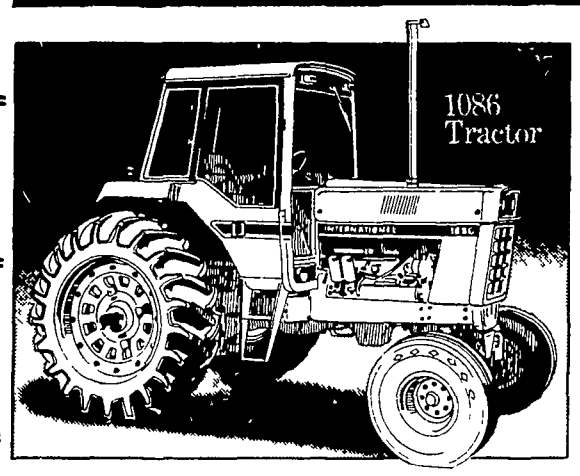

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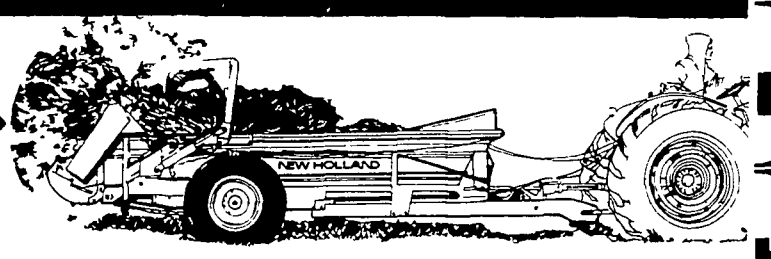

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95 ACRES, 12 miles east of Penn National Race Track. Excellent place for horses; good set of buildings; large old log home, tastefully remodeled, private and quiet setting. Make an appointment and take advantage of the opportunity to purchase this one.

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CUMBERLAND COUNTY
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140 acres limestone, 60 fenced, solid modern 8 room frame house, large bank barn, 12x40 silo and other out buildings.
GENERAL (Boiling Springs)
110 acre fertile limestone (no rocks), large elegant brick house, has special charm with center hallway and open staircase, large bank barn, small silo, and other out buildings. Outstanding restoration prospect.
BEEF (Carlisle)
60 acre limestone, 14x60 silo, bunk feeder, good solid modern frame 7 room house.
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40 acres, shale, gently rolling, large bank barn with 32 stanchions, 2 silos, charming modern frame house, has never failing stream.
FARMETTE (Boiling Springs)
33 acres, some wooded, beautiful modern 2 story frame house, 38x40 barn and other out buildings.
MOUNTAIN GROUND (Carlisle)
192 acres going to the top of the North Mountain. Ideal for secluded residence and/or private hunting preserve
DEVELOP OWN FARMETTE (Newville)
64 acres partially wooded with character, beautiful stream.

FRANKLIN COUNTY
DAIRY (Waynesboro)
102 acres limestone, 60 freestalls, double 5 herringbone parlor, 800 gal. tank, 3 silos, liguid manure, 7 room modern brick house, beautiful setting.
(Roxbury)
34 acres, 14 wooded, ideal hunting and/or building site. Ideal for commercial camp ground, hunting or residential site.
YORK COUNTY
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150 acres (133 tillable) Penn loam soil, 50 tie stalls, 76 free stalls, calf barn, 3 silos with unloaders (2000 ton), stable cleaner, pipeline milker (6 units), bulk tank (1200 gals.), 7 room modern stone home. All buildings in good condition.

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FARM - SOMERSET COUNTY

107 Acres, Dairy. Barn with barn cleaner, pipe line milker, 2 silos machine sheds. 2 sty. frame house All buildings in good condition. $135,000, seller will help finance Also adaptable for beef or horses.

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NEW LISTING - 40 ACRES LEVEL LIMESTONE - Nearly all tillable additional tillable acres available, good buildings, good area of Northumberland Co., Amish nearby. For more details call today. Price $86,000.

300 ACRE LIMESTONE EXCELLENT LEVEL CORN GROUND - Cumberland co., $2500 per acre.

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Nittany Valley farm. 104 Acres, 70 tillable, 20 wooded, good level ground, Bank barn. Please don't overlook this one

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Approx. 200 acres w/130 to 140 acres tillable with built-in financing.

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Centre County - Operating **dairy farm**, 120 acres with 117 tillable, with highly productive, nice laying limestone soil, 2 story bank barn with 70 comfort stalls, complete pipeline milking system, new bulk tank, new compressor, 16x55 silo (new), 12x60 silo (new), 20x60 silo (6 yrs old), all with unloaders, very nice 2 story frame house with modern kitchen Good location with jug milk possibilities Additional land available for rent Fairly priced at **$225,000.**

Huntingdon County - Located in a beautiful area of Huntingdon Co , this property features a good, 2 story frame dwelling, good 3 bay cement block garage, large bank barn in good condition, and several miscellaneous buildings on 220 acres Approximately 80 acres is tillable and pasture ground The balance is woodland A small stream flows through the property, and it has an excellent view Ideal for **horses, beef, hunting or weekend relaxation** Priced at **$110,000**, owner financing available

Huntingdon County - Fine 150 acre **hog farm** with fairly new finishing barn, good 2 story frame barn with the basement converted for hogs, and a sound house The farm has 2 springs, which provide an adequate water supply In addition to 70 acres of clear ground, 10 acres have been planted to Christmas trees Priced at **$148,500** with owner financing available

Northumberland County - Excellent farm for **crop or livestock farming**, consisting of 170 acres with 162 tillable The farm features a stone house in very good condition, large 2 story bank barn, combination work shop and garage, separate implement shed - corn crib and miscellaneous buildings All of the buildings have been well maintained The tillable ground lays very nicely and is highly productive, with soil productivity ratings up to 130 bu of shelled corn The farm is located in an excellent agricultural area Reasonably priced at **$322,000.**

Centre County - 217 acre **general farm**, 6 miles from State College, limestone ground, good buildings, **$280,000** - convenient terms available

Huntingdon County - Ideal for **general or livestock farming or for investment** This farm contains 180 acres with 100 tillable, 60 acres pasture & 20 acres woodland Featured is a sound brick home built in 1842, excellent, never-failing spring water, a large 2 story frame barn with horse stalls & horse riding areas Located 2 miles off Rt 222 near Huntingdon & 7 miles from the Raystown dam Price reduced, must sell, **$124,500**

Huntingdon County - Nice 277 acre **dairy farm** with 240 acres tillable, 33 acres pasture, & 4 acres woodland Featured is a 2 story frame house, with aluminum siding, 2 story frame barn with 50 stanchions, milk house with bulk tank & water heater, large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings The majority of this farm lays quite nicely Located 20 miles from State College Priced at **$275,000** with owner financing available

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245 South Allen St. State College
PH: (814) 234-4000
"Serving Central Pa. Since 1933"

PAUL M. Longacre FARMS AND COUNTRY PLACES

NORTHUMBERLAND COUNTY
90 acre Beef Farm with large pond, beautiful 2 story frame house, full basement, 7 rooms, 1½ baths, large bank barn, 100 ton trench silo, good soil A very nice farm **$120,000 #186**

MONTGOMERY COUNTY
75 acres, $3,500 00 per acre large amount of road frontage **#139.**

40 acre 8 room house and barn ready for renovation Located along Rte 663 Tremendous possibilities **$125,000 #111**

FULTON COUNTY
181 acres, 123 T , large three story four bedroom frame house, modern kitchen and 1½ baths, large bank barn, 15 stalls, attached shed and other outbuildings **$165,000 #137.**

232 acre dairy farm, new 73 cow freestall barn with automatic bunk feeders Bank barn with 33 extensions, bulk tank, new machine shed, 2 concrete and 2 trench silos, large new brick home, 1 fireplace and barbecue pit, modern kitchen, dining room, 3 bedrooms, large semi-finished basement Absolutely beautiful Second house with 3 bedrooms and bath **$260,000 #163**

FRANKLIN COUNTY
147 acre dairy farm, very nice 8 room house with full base ment, bank barn, holding pen and 60 cow free stall Also corn crib & outbuildings Good location **$295,000 #180.**

DAUPHIN COUNTY
120 acre jug milk operation, beautiful free stall setup, 98 stalls & lot area w/100 ft auto feeder, double 6 harringbone w/feeders 1500 gal bulk tank, modern processing equipment Large walk in cooler w/nice sales store (2) 20x65 conc silos w/loaders A mod 3 bdr ranch house, 2 new lg metal multi-purpose bldgs , bank barn & other outbuildings Also 85 very good Holsteins, 50 heifers, and a full line of machinery A real nice operation of a good business, **$600,000.** Good terms available Also 500 acres available for rent **#178.**

BERKS COUNTY
120 acre dairy farm, beautiful 2½ story, 9 room stone house, modern kitchen, fireplace, 3 car garage, 62 stan chion barn with 2½" pipeline milker, 1000 gal bulk tank, 40 ft bunk feeder, silo, and other outbuildings A very nice farm **$267,500 #167.**

95 acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society **$375,000 #117.**

161 acre dairy farm, 43 stalls, pipeline milker, bulk tank and fixed equipment, 2 concrete silos with unloaders, reconditioned farmhouse with eight rooms, 3 bay sh ed/garage and full line of machinery and cattle A ready to go operation all for only **$335,000 #114**

208 acre dairy farm Large 9 room stone house with fireplace, & attached frame addition, beautiful setting Large barn with slate roof, 62 stanchions, 20x60 & 12x50 silos, pipeline milker, bulk tank & outbuildings 1½ mile of macadam road frontage running through farm intersecting long fields making hauling easy 160 acres tillable Must be seen to be appreciated **$416,000 #101**

BRADFORD COUNTY
NEW
155 acre modern dairy farm, 800 gal bulk tank, 64 tie stalls, barn cleaner, 2 silos, modern dwelling, 4 bedrooms, new furnace, oil & wood combination, beautiful view and other outbuildings A good producing farm **$141,000 #184** Cattle & machinery optional

104 acre farm, 2 story 6 room frame home, bank barn & outbuildings **$75,000 #177.**

250 acre, 190 tillable dairy farm, 2 story, 8 rm frame house, modern kitchen, 2 baths, and large in ground pool Beautiful! 60 cow tie stall barn, 18 cow free stall pole shed with large machinery shed 750 gal bulk tank new 6 unit, pipeline, 20x40 Harvestore 20x56 and 12x35 silos, full line of machinery and 90 head of Reg Holsteins **$315 000** 2nd house available **#158**

NEW
House, good location, modern kitchen, 5 bedrooms, automatic heating system, some owner financing available **$39,000**

77 acre dairy farm, 29 stanchion, 8 rm hse w/bath, new milk hse w/400 gal tank (2) 14x30 silos w/unloaders Lg pole shed shop, machine shed & outbldgs **$89,000** Machinery available **#179**

WOODED ACREAGE
49 acres w/creek, 767 ft frontage, **$21,900**
47 acres w/455 frontage w/creek, **$19,100**
43 acres **$27,900**
56 acres **$24,900**
33 acres 50 ft row **$7,500**

248 acre dairy farm 160 T new dairy barn 72 free stalls 8 stall herringbone parlor 800 gal tank 80 cow bunk feeder 20x60 conc silo w/unloader liquid manure heifer barn and dry cow barn also storage barn 2 story frame house 7 rooms and bath w/upstairs apartment All for $200 000 #115

215 acres dairy farm, 100 T , new 82 stall dairy barn, bulk tank, barn cleaner and heifer barn 22x65 silo w/unloader, 10 room frame house w/bath Reduced for quick sale, **$160,000 $150,000 #116.**

128 acre dairy farm, 96 tillable, bulk tank, barn cleaner, 50 stall barn and silo, 43 milk cows, 12 heifers, full line of machinery 6 room house and bath New 20x65 Harvestore, **$170,000 #127**

110 acre dairy farm, 50 stanchion barn, 2 story shed, silos, machinery included Colonial type house, 9 rooms, 1½ baths **$98,000 #125**

LUZERNE COUNTY
120 acre dairy farm, 2 story frame hse , 8 rms and bath, large bank barn & new dairy barn, 56 comfort stalls, 20x60 concrete silo with unloader, 10x50 silo, bulk tank and 3 acre farm pond 2 mobile homes 10x50 All for **$155,000 #159.**

82 acre X-mas tree farm in excellent condition, beautiful old frame 10 rm home, 5 bedrooms, 2½ baths, fireplace, kitchen, etc Barn, grainery, silo, and garage 25,000 X-mas trees A nice home and a good business opportunity **$250,000 #172**

10 acres wooded for **$15,000 #176.**

JUNIATA COUNTY
147 acre beef farm, good land, very nice two story 9 room frame house, large finishing barn for 140 steers, new calf barn and machine shed, 20x70 Colman silo, very nice place **$182,000 #164** 125 acres avail for rent

160 acre beef and swine farm, set up for 100 steers and 300 hogs w/20,000 cap poultry broiler house, new woven wire fence around 30 acres of pasture, 20x50 heated farrowing house w/pens and crates Grain dryer for 300 bushel and Butler storage bins for 5000 bushel, also other outbuildings Beautiful 8 rm , 2 story frame hse in excellent cond , 100 KW power plant with farm **$230,000 #160.** 400 plus acres avail for rent

CLINTON COUNTY
390 acres, 365 tillable, grain farm Beautiful stone ranch house, 5700 sq ft , 4 bedroom, 2½ bath, mud room Second house, 2½ story frame, 5 bedroom, bath, full basement & large shop Third dwelling on Island of 110 acres, 2 story, full basement, 4 bedroom & bath Also large 2 story barn A large & beautiful operation **$900,000.** Farm machinery available **#178.**

CENTRE COUNTY
70 acres, 60 T of excellent Hagerstown limestone ground Hoghut for 400 hogs - 90x40 w/heated floors and gas furnace (2) 7 ton galvanized feed bins w/automatic feeding and watering systems Liquid manure pit Also 2 st bank barn - 66x45 w/½ bottom set-up for hogs and ½ for storage, (conc) 60x22 conc block building and two car garage Well and hook up for trailer All for **$97,500 #113.**

SOMERSET COUNTY
245 acre dairy farm, 215 tillable, all in two large fields Good ground, a picture place with very nice laying ground New 100 stall dairy barn with automatic feeding system, tile troughs, air flow system & built in mats Two Harvestores, 20x50 & 25x80 New pipeline milker system, dry cow & heifer barn & 40x90 machinery shed A real buy at **$335,000** Ultra-Modern dairy farm **#183.**

YORK COUNTY
203 acre dairy farm, beautiful 150 comfort stall barn, pipeline milker, two 1000 gal bulk tanks, extremely large milk house with offices, dry cow barn with large hay storage above Very large concrete lots, two Harvestore silos 20x50 Large trench silo 10,000 bu grain bin Two very beautiful homes A very beautiful farm **$475,000**

160 acre, 130 T beef farm, remodeled 8 room house, large bank barn, corn crib, and other outbuildings, nice laying land **$225,000.**

8 acres 8 room frame house, oil hot water heat, double corn crib, beautiful setting back off road with farm pond **$58,000 #144.**

LEHIGH COUNTY
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated Raised price **$175,000 #145**

ADAMS COUNTY
12 acre chicken farm 50,000 bird cap 4 times per yr on contract insulated controlled environment bldg 2½ story, 7 rm frame hse , 2 baths, 43x140 two story and two 42x288 one story chicken houses Also 8 crate farrowing hse **$166,000 reduced to $145,000 #157.**

COLUMBIA COUNTY
147 acre grain farm, 130 tillable, very nice large field, gent ly rolling Large frame 7 room house, modern kitchen, new oil H O W heating system, barn & outbuildings **$150,000 #106**

POTTER COUNTY
89 acre new 84 free stall barn, new milking parlor, silo, 10 room frame house 2 car garage, grain bin & outbuildings **$85,000 #102**

40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side **$20,000 #109.**

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE

Rt 100 Hereford, PA 18056
PHONE 215-679-5919

REAL ESTATE

REAL ESTATE

FARM FOR SALE

$495,000

Immediate occupancy. Two hundred and eighty acres along Susquehanna River. Three new silos and new metal-free stall barn. Capable of milking 217 cows. Can also house 100 heifers and drystock. Located in Wyoming County, PA.

For more information phone:

PETER H. SANDFORT, JR.

717-836-5151 or 5152

NEW YEAR'S SPECIAL

95 A of the best limestone land in Lancaster Co., large barn, beautiful double home, stream, lots of road frontage, zoned residential. Financing available.

We want to thank you for allowing us to serve you in the past. Wishing all of you a prosperous and Happy New Year.

D. Martin Zimmerman
Realtor

Nelson Z. Martin
Assoc. Realtor

Loren L. Zimmerman
Assoc. Realtor

BLUE BALL REALTY

Blue Ball, PA
Phone: 717-354-4536

JUG MILK OPERATION

Complete, ready to go, excellent family opportunity, 73 acres, 60 cow capacity, NW of Allentown $160,000

Hershey Farm Agency, Inc.

Branch Office
Rt 1, Breinningsville, PA
215-285-4616

LANCASTER COUNTY FARMS

5 acre horse farm in Martic Twp., new raised rancher plus 5 acres of woodland.

93 acre steer farm in Manor Twp., large stone house and steer barn, 3000 ft. road frontage.

TOWN & COUNTRY REAL ESTATE

717-299-4885 or 717-299-2391

THANK YOU!

FOR SUPPORTING US THIS PAST YEAR

As we advance into another year the people at Hoober's want to pause a moment and say Thank You to the Farm Community for your support in years past. We are proud to be associated with all the Agri-businessmen of South-Eastern Pennsylvania and beyond. Through your farsightedness, dedication and hard work you have proven to be the most productive element in American society today. We wish you continued success in 1978 and pledge that we will provide you with the service support you demand in order to achieve your goals of producing America's food as efficiently as possible.

USED TRACTORS

IH F1468D
IH F1066 w/year-a-round cab
IH 3414 Loader
IH F1466 w/Cab
IH 4166 w/3 pt. Hitch
IH F460 gas
IH F1456 w/dual 23.1x34
IH 1026D Hydro
Ford 8N - new paint
IH 1-544 gas w/1701 loader
IH F706D
IH 1-656D
IH F806D
IH Farmall 1256 diesel
Deere 4020D

USED DISK HARROWS

Oliver 25' Wing-fold
Bushog - 14' Tandem
IH 470 - 13'10"
IH 470 - 12'
Pittsburg - 12'
IH 37 Disk - 11'6"
Kewanee - 12'
Krause - 1588 Disk - 17'
Athens - 12' offset

USED COMBINES

Massey 760 w/6 row corn head, 15 ft. platform
IH 503 w/4 Row Cornhead & 13' Platform
IH 101 w/Platform
IH 915D Late Model w/6 row Cornhead

USED PLANTERS

IH 400 Cyclo 6-row w/fert. & insect. attach.
IH 400 Cyclo 6-row w/fert. & Kasco auger
IH 455 4-row
IH 456 4-row
Deere 1300 4-row, plateless
Deere 1300 6-row, plateless
Case 6-row

USED PLOWS

Deere - 3-bot. mounted
IH 531 - 3-bot., mounted
IH 550 - 5 bot., semi-mount
AC - 5-bot., semi-mount
IH 155 - 5-bot., roll-over
IH 560 - 6-bot , semi-mount
IH 710 - 6-bot , spring trip
IH 710 - 7-bot., auto

CALL PARTS DEPT.

CALL US. IT COULD BE WE HAVE IT!

PART MANAGER - RICHARD BOMBERGER
SHOP PART MANAGER - ROY WEAVER
O.P.P. PART MANAGER - ROY HORST
ASST. PART MANAGER - DENNIS EBY
PARTMAN - KENNETH BEILER
PARTMAN - ALFRED YODER
STOCKMEN - ELMER, CLARANCE, JIM

OUR PLEDGE FOR 1978 - MORE FRIENDLY SERVICE WITH QUALITY AT A RIGHT PRICE.

(WATCH FOR OUR MONTHLY SPECIALS)

VISIT US AT THE PENNSYLVANIA FARM SHOW

SEE HOW TO USE YOUR DISC HARROW TO INCORPORATE LIQUID HERBICIDES

STEIGER BOOTH LOCATED OUTSIDE BEHIND THE ARENA

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON INC.

INTERCOURSE, PENNA. (717) 768-8231 AUTHORIZED UPS STATION

REAL ESTATE

REAL ESTATE

GRIST MILL - 1780/1840

Authentic Grist Mill in excellent condition on 5 acres of ground along side the picturesque Perkiomen Creek overlooking 100 feet of waterfalls.

This fine structure measures 72 ft. x 37 ft. and is three stories high.

The mill race and tail race have been rebuilt by the State of Pennsylvania. Some of the working equipment is still in place.

The property includes 3 islands and is bordered by 8 arch stone bridge and Montgomery County Park.

Priced at $129,000

ROBERT BRUCE, Realtor

(215) 666-0800 -- Call Collect

670 acres grain and stock farm. 290 acres with double 6 parlor dairy set-up, also 315 acres dairy with excellent land, modern facilities. Other farms. Van Cleve Real Estate, New Oxford, Pa. 17350. Phone 717-624-8201.

WANTED

Farm with retail milk jug operation. Send response to P.O. Box 266L-9, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543.

HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa.
215-286-5183

Northumberland & Dauphin Co.
136 acres, large dwellings, bank barn for beef and hogs with Automatic Bunk Feeder, 2 concrete silos, large warehouse for bulk and bag fertilizer storage, truck scale under roof, 6 concrete grain silos, 2 grain bins, 3 story block chicken house with workshop, other outbuildings, creek frontage, well and spring water.

Nittany Valley:
142 acres, 80 tillable, 41 woodland, balance pasture, mountain spring, 7 room dwelling, 37.5 x 60 steel implement shed, no barn, 29% down, 7% interest 10 years to ?

Roy E. Haller, Agent
215-484-4844

REAL ESTATE

REAL ESTATE

FARMS FOR SALE

COLUMBIA COUNTY near Catawissa - 112 acres, 90 tillable, tastefully remodeled 5 bedroom home, fireplace in family room, inground heated pool, large barn, good silo, pond and stream. **$135,000.**

HORSE FARM convenient to I-80 exit 35 - Large barn, regulation training ring and fenced pasture. Authentically restored old home, 4 bedrooms, 2½ baths, fireplace in 16 x 27 living room with cherry flooring. 95 acres for $167,000, or can be purchased with less acreage.

NEAR STATE GAME LANDS - 92 acre farm with large barn, outbuildings, and 4 bedroom home. Over 3000' road frontage on township road. Can be subdivided. Remote location with excellent hunting. **$90,000.**

NEAR BLOOMSBURG - 65 acres, 52 tillable, 4 story chicken barn, remodeled home. **$100,000.**

JACKIE KLENNER REAL ESTATE
R.D. #1
Catawissa, PA 17820
717-356-2361

REAL ESTATE

REAL ESTATE

SEASON'S GREETINGS and BEST WISHES FOR THE NEW YEAR TO ALL from

WIMPLE REALTORS
Sloansville, N.Y.

LLOYD GRUBB, TRACTOR SERVICE FOREMAN SAYS:

AN OUNCE OF PREVENTION— IS WORTH A POUND OF CURE!

We have heard the above phrase many times and all have had the sad occasion to regret not heeding its important advice.

Frankly, in these next few weeks we have a lot of shop time available — time that in season will be at a premium.

NOW — we need work — you need your equipment in prime condition for the season —

We've got a deal for you!!

1) A Special Pre-Season check-up of your Tractor or Machinery by factory-trained service people.

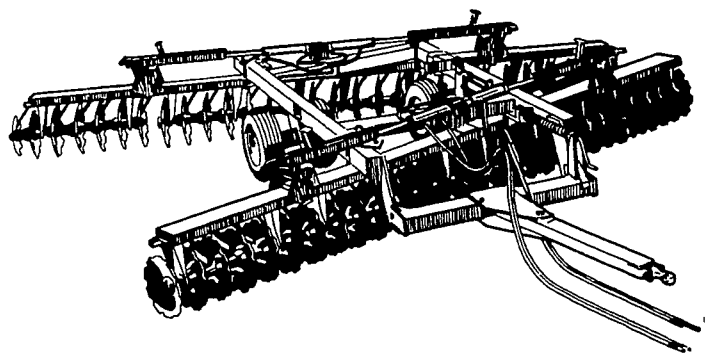
2) All parts and labor at a 10% discount.

AND...3) Free pick-up and return of your Tractors or Machinery.

Offer applies to work scheduled by February 28, 1978. Won't you contact us now to schedule your tractors or machinery for this important preventive medicine?

Call (717) 733-2283 — ask for me.

WHY NOT DO IT NOW?



TILLAGE TOOLS

NEW IH TILLAGE TOOLS

401 Spring Tooth Harrow, 12 ft	$639
350 Disk Harrow, 10'3"	2048
500 Disk Harrow, 12'5" 24" HD blades	3932
770 Offset, 10'4", 26" knotch blades	3890
315 Packer Mulcher, 13'8"	3450

USED TILLAGE TOOLS

IH 9A Disk Harrow, 28 Disk	$395
IH 37 Disk Harrow, 10'	525
Pittsburgh Disk Harrow, 12' (disked 30 acres)	1695
AC 16' Wing Type Disk Harrow w/Duals, used 1 year	3095
IH 550 Plow, new bottoms, 5-F, 16"	1695
JD Disk Harrow	Call
IH 370 Disc Harrow	Call

WAIVER OF FINANCE....

TAKE ADVANTAGE OF 10% TAX INVESTMENT CREDIT BEFORE YEAR ENDS

NEW TRACTORS - 464 - 574 - 674
YOUR CHOICE! — WAIVER TILL 3/1/78 OR TAKE CASH ALLOWANCE

NEW TRACTORS - 686 - 886 - 986 - 1086 - 1486
YOUR CHOICE! — WAIVER TILL 3/1/78 OR $1,000 MINIMUM IMPLEMENT ALLOWANCE

USED TRACTORS WAIVER TILL 3/1/78

Case 1370 diesel w-cab & air, dual valves, 20.8 x 38 tires, weights, 315 hours.
Farmall 1066 D
Farmall 886 D w/Cab
MF 178 Diesel, w/heavy duty loader
Ford 5000D, New Tires, cab
TD9 w/Loader, Excellent
Oliver 1950 Diesel w/Duals & Cab
Oliver 1850 Diesel
MF 135 Diesel
Far. 460 w/loader
Far. 350
Far. M Diesel
Far. H
Far. 400
Far. A w/culti. blade and plow
(2) Far. M

WAIVER OF FINANCE HAY MACHINES JUNE 1, 1978 FORAGE MACHINES SEPT. 1, 1978

NEW & USED COMBINES - WAIVER TIL 9/1/78

Gleaner Model G with 4 row wide & 4 row narrow corn head, 13 ft. platform, excellent
Massey Ferguson 300 2 row corn head, 13 ft. grain platform, 1 owner
IH 203 Combine w/10 ft. platform 2-row corn head
MF #44 QA Corn Head

NEW COMBINES

915 Diesel hydro combine, 15 ft. platform & 6 row corn head $44,900

715 Diesel hydro combine, 13 ft. platform & 4 row cornhead..... $33,900

NEW IH HAY & FORAGE EQUIP.

435 Baler	$3995
435 Baler w/#10 Baler Thrower	$5295
#241 Big Roll Baler	$5495
720 Forage Harvester w/2 row Row Crop Unit	$6995
830 Forage Harvester w/3 row Row Crop Unit	$9175

NEW IH SPREADERS

#530 Manure Spreader	$1795
#540 Manure Spreader	$2075
#550 Manure Spreader	$2585
#580 Manure Spreader w/hydraulic endgate	$4795

USED EQUIPMENT

JD 494A Planter, 4-row
IH 455 Planter, 4-row
IH 400 Air Planter w/Insecticide

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HERITAGE INTERNATIONAL INC.

1054 SOUTH STATE STREET EPHRATA, PA 17522 PHONE 717-733-2283

LANCASTER COUNTY'S ONLY INTERNATIONAL FULL LINE DEALER.

MAILBOX MARKET

AKC Black & Silver German Shepherd pups, raised for health and temperment, championship bloodlines, parents pedigrees available $75, 717 582 8343 eves

For Sale 2 Stauffer forage boxes with JD 1275 tandem gears, 1 Lamco, 1 AER motor L J 33 shallow pump 215 445 6295

Wanted 730 or 720 JD diesel tractor, Scott Caldwell, R#1 Lewistown, PA 717 248 2783

For Sale JD 620 MF 40 loader, NH 68 hay baler, NH mower, PTO wood splitter 031 & 041 stihl chinesaws, Hay straw, ear corn, and oats 717 566 0560 after 5 30 p m

Attention

All phone numbers on mail box market ads must be accompanied by your area code or Advertisement will not be published.

MAILBOX MARKET

ted - PTO belt pulley for 0 717-244-7090

Sale - IH deluxe wind- ker cab, ex cond. $275, O milk tank, 225 gal ex $200 301-845-4561

Sale - NH 516 manure ader, 205 bu. hyd end fair condition, NH 331 ure spreader, 130 bu good condition 717-354-

Sale - Potato jigger, cco planter, corn planter, rake, harrow, manure er, snow blade $100 ea tor parts for AC, B, WD 45, diesel 717-733-8708

ian Goat Stud Service Excellent dairy and show dlines, breeders terms lable Misty-Del Nubians, nsend, MD 302-653-7132

Sale - 13 ft , 13 tooth, 3 pt chisel harrow, good dition, $450, 2 row 3 pt stron rolling cultivator, condition, $650 717-9917 early morning

Sale - 9 feeder pigs 9 wks shots and castrated young. York 717-757-4513

Sale - MF 65 dieselmatic, tipower, hi-clearance, good er, new paint, rebuilt, and excellent condition 301-5125

Sale - 500 used slate, size x20" Ph 717-354-0519

Sale - Reg. and Grade stein heifers, bred open 717 442-8140

Sale - 1 pair of year old neas, also 27 hatched neas (July and Aug) 717-6517

Sale - Yorkshire Service Boars free from oplasma pneumonia and phic rhinitis Red Run n, Route 2, East Berlin, Pa 16, Phone 717-292-4634

Sale - Pig feeder 10 hole, dley, like new $125, sette, best offer, 215-589-

Sale Several Reg Holstein r calves, 2 Reg 2nd calf rs, fresh, 215-445-6378

Sale - VF4D Wisc engine starter, generator and h, reduction, completely uilt, 25 hp engine ilding Stephen S Fisher, onks, Rd , R#1, Ronks, PA

Sale Reg yearling heifers, y to breed from DHIA 215-932-9762

Sale - Tobacco press, 8 loader 84" wide, JD end loader #45 with d plate 717-944-3044 8 p m

Sale - 7 tooth Graham plow, good condition 54 8232

ale 9 yr old saddlebred g horse, good hitcher 56 6712

Sale - 40 nice, 40 lb ge, feeder pigs, wormed astrated David B Esh, town Rd , RD#2, ise, PA

le - Pincor generator 115 volts, 3600 watts, like with PTO shaft 717-354-

Sale - 1968 red Chevy 50 heavy duty, good tion with 366 model, 4 sp , 2 speed rear 717-386-

MAILBOX MARKET

For Sale - '73 Ford Pick-up, F100, ½ ton, 360, automatic Call 665-4872 after 5 00

For Sale - 900 diesel Case Tractor in good shape, Conductor bull calf, Dam 23,000M 900F Elmer E Kauffman, Rt 2 Box 6, Christiana, PA

For Sale - Corn silage, 400 tons, 215-863-4767

For Sale - 656 Farmall gas with 234 corn picker & sheller. Also Myers Snow Plow for 656 Farmall. 215-267-2602.

Wanted - Mountain Land - Send complete details, Price to Richard D James, 2207 Lake Lane, Cooper Farm, Wilmington, DE 19808.

For Sale - Two Jamesway plastic tube ventilation systems; 18" 2200 CFM fans with 75' of tubing 215-286-9886.

For Sale - Brand new never used 9 gauge industrial chain link fence, 435' long 6' high complete with corner & line post, barb wire, accessories & green webbing. 215-679-9145.

For Sale - Caterpillar 22 wood bucket, a collectors item, $995 717-393-4187

For Sale - Kenmore oil space heater, tank included, good condition, $75 717-859-3328

For Sale - Guernsey cow, 1st calf heifer. Ammon Martin, 2677 Creek Hill Road, Leola, Pa. 717-656-9503.

For Sale - German Shepherd pups 717-768-3702.

For Sale - 72 Ford ¾ ton, new paint, excellent shape $1595, Super C Farmall, good shape $895 215-488-6826.

For Sale - 25 milk cans and used copper tubing David G Zook, 1016 Clay Rd , Lititz, PA

For Sale - Bred Reg Holstein heifer 717-225-1045 or write Box 1424 #1, Spring Grove, PA 17362.

For Sale - JD 4020 diesel, syncro-range, console hyd fully equiped, very good condition 717-285-4222

For Sale - Reg Star Nubian buck $110 215-257-5718

For Sale - 1972 Ford Econoline 300 truck V8 s s 10 ft cattle body, racks and roof, good condition 717-933-4853 after 6 p m weekdays

For Sale - Small saddlebred carriage mare, 8 yr old, safe and sound Abbie S Renno, RD #2, Box 304, Mifflintown, PA

For Sale - Cushman 26 5 hp tractster ATV custom roll bar, tune up, new battery, very good condition $2000 215-525-4673 eves

For Sale - Alfalfa orchard grass hay, 2nd and 3rd cutting, 20 ton, $85 ton, potatoes 25 ton $80 ton 717-374-1487

For Sale - Dried locust post, 150 tapered sowed $2 25 over 100 nice round. Located between Shippensburg and Carlisle on Rt 11 Phares Shirk, R2, Shippensburg, PA

For Sale - 1 Steward Clip Master cattle clipper $30 Elmer L Keilman 717-467-3465

For Sale - pair 18 4x38 tires, good shape $100. 2000 gal truck tank with reel, hose and meter $450 301-599 9649

MAILBOX MARKET

Wanted - Round Oak Extension table with additional leaves, solid oak chairs (6) G C Watters, Box 87, Blooming Glen, PA 18911

For Sale - 6 feeder pigs (Yorkshire), app 50 lbs AC model 60 combine 717-944-9105 after 4 p m

For Sale - 1966 Ford flatbed truck with winch, A-1 shape and runs very good, must sell 215-286-9297 after 6 p m

For Sale - 2 row JD potato digger and planter, iron age 2 row planter potato grader and cutter 201-383-6421

For Sale - Milker unit washer and 12 can cooler, 2 horse radiator for Lehigh compressor, all good condition Amos S Stoltzfus, RD #1, Box 515, Beachdale Rd , Bird-in-Hand, PA

For Sale - Holstein cow due Jan 5 with 4th calf, gave 80 lb on DHIA test $625 717-865-6836

For Sale - Mounted corn picker 2C-10 Farmall Super C 717-345-8626

Wanted - Hot water furnace, coal hand fired, radiators Harry Martin, RD 2 New Holland, PA

Wanted - 1 white Chinese female goose, John I Zimmerman, R1, East Earl, PA 215-445-5503

For Sale - 10 acres woodland, Stare Building and small lot of ground cheap, Perry Co 717-582-4598

For Sale - 2 large black horses, 7 & 8 yrs. old, sound and in good shape, possible drivers, Schaefferstown, 717-949-3908.

Notice - Due to wet weather, I will not deliver clover seed in Lancaster Co this winter Rufus Zimmerman, RD 1, Kutztown, PA

For Sale - Bluetick Coon Hound pups, top bloodlines 6 weeks old Daniel L. Stoltzfus, Hayti Rd., Box 80, Quarryville R3, PA

For Sale - Belgian mare to foal in June $850, JD H with cultivators, needs head gasket $450 717-458-5959

For Rent - 208 acre limestone dairy farm near Carlisle, 40 ties, small silo, stone house, level land, all tillable $1500 per month 717-243 1281, after 7 p m

For Sale - IH #25 2-row high speed potato planter been used on muck and in excellent condition! $1250 James P Pirrung, Box 365 Wayland (Steuben Co) New York 716-728-2520

For Sale - 656 Farmall gas with 234 corn picker & sheller Also Myers snow plow for 656 Farmall 215-267-2602

For Sale - 1969 GMC 21000 GVW cattle truck, 16 ft enclosed cattle body, Reg polled Hereford bulls, 9 mos & 2 yrs Citation & Klondike breeding 215-589-2966 or 717-866-2009

For Sale - Gasoline Engines, 2 hp Fairbanks Morse, $75 - 1½ Hercules, $100 Also Fordson Tractor parts 201-852-5593

For Sale - Fullblooded Fox Terrier puppies Nice markings Benjamin Stoltzfus, Leola, Hess Rd , 2 miles south of Bareville

For Sale - Oliver 24 blade disc harrow, like new David P Lentz, R D 1, Gordonville, Musser School Rd

For Sale - Female toy Pomeranian pups, cute & playful Aaron B Beiler, R D 1, Paradise, S Vintage Rd , Northeast or Nichol mine

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MAILBOX MARKET

For Sale Butcher hogs from 3 500 Harry M Reiff, R D 1, Glenbrook Rd , Leola, Pa 717-656 9548

Wanted - Rubber tire wheels for NI 10A manure spreader or will trade steel for rubber Eli Zimmerman, R D 1, Reinholds, Pa

For Sale - 21 steers, weighing approximately 1000 lbs 40 cents lb 717-464-3919

For Sale - 100 ton old ear corn, also hay, alfalfa and mixed Call 215-488-1965

For Sale - NI 212 single beater manure spreader with pan 717-859-2421

For Sale - 7 yr old carriage horse, sound & traffic safe 717-733-1048

Wanted - 1 or 2 used rear tires for AC G tractor 717-872-2596

Cow milk house with country roof FREE for tearing down Tile 4 inch x 12 inch x 5 inch Abram K King, 2194 Horseshoe Rd , Lancaster, Pa

For Sale - 1 set 3 ply stainless cookwear, Wanted - Lazy Boy recliner. 717-733-8390

For Sale - 1924 F20 Farmall, 1933 F12 Farmall restored, both in running condition 301-781-4626

For Sale - 71 Mach I, 351, red, P B., P S , auto, 55,000 miles, good condition $950, 717-354-9911 4-9 p m.

For Sale - Good used 2100 Better-Bilt manure spreader, open end gate, hyd unloading valve, walking beam suspension, overhauled pump and underground injector $5000. 215-484-4849

For Sale - JD MC crawler with blade, PTO pully $2650, crawler blade $35, Brittany Spaniel stud service, AKC, F D S B. 717-733-0223.

Flock Reduction - 110 bred Commercial, most black face, purebred rams, could break lots, Gerald Gregory, Berlin, NY 607-859-2963

For Sale - 3 yr. old saddle bred horse, good broke and sound with papers, 2 yr. old saddle bred horse, chestnut sorrel with papers. Daniel W Hoover, RD #1, East Earl, PA

For Sale - Surge Alamo 30 plus milker pump, $250 or best offer 717-354-9145

For Sale - 30 feeder pigs Elis B King, RD #1, Gap, PA, 2 miles north of White Horse on Meadville Rd

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For Sale - 7 AKC reg Irish Setter pups, 2 females, 5 males, asking $40 ea Pot type furnace out of a mobile home asking $75 717-532-8913 or 532-7693

Wanted - Rabbit hutches or cages for pair of pigeons, prefer 6 or more under 1 roof MD or lower PA 301-833-8621

For Sale - 861 Ford Tractor with heavy duty wagon loader with 3 buckets, external hyd pump 717-425-3480 or 425 2431

For Sale - Surge vacuum pump, Mojonnier 300 gal tank, motor and auto washer, 4-35 lb milking units, 1 IH generator 717-865-5628

Wanted - Bottled gas heater 20,000 to 30,000 btu For Sale - s s single tub 2 strainers, 2 pails, cow trainers, 717-949-3847

For Sale - 150 red pullets, ready to go 215-445 4090

For Sale 39 milk cans 14 can cooler with thick coils Henry M Beiler, Bird in hand along Rt 340

MAILBOX MARKET

For Sale - 1975 Chevy Impala, 4 door, p s , p b , air, radial tires, black A1 shape, $2550 717-859-3291

For Sale - 1975 JD combine, 770 turbo-hydrostatic with 6 row 30 inch corn head, 4 row 36 inch corn head, 15 ft grain platform 717-768-3560

For Sale - 20 ft Harvestore silo unloader, good condition 301-879-5309

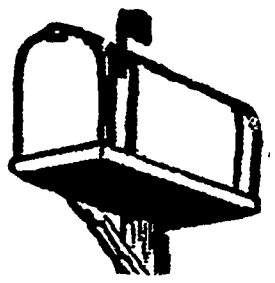
For Sale - NH PTO manure spreader, 1 row pull type corn picker, V snow plow, pull type combine, large roof ventilators 717-345-8815

Wanted - Used Harvestore unloader - Hercules or Golilath 717-548-2427

For Sale 1974 350 GMC ½ ton truck, 1973 Olds convertible, 1964 Int Scout, 1975 Chevy caprice, 20 ft truck body 717-548-2286

Wanted - F12 or F14 steel wheels or any to fit a 2¾ inch axle or steel wheels with a 34 inch to 36 inch center Enos S Mast, R5, Box 702, Dover, DE

For Sale - 1 Freestanding fireplace, 2 female goats, 1 bred to kid in March, 1 5 mo old 717-367-2380 after 4 p m



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Wanted - Stationary hammermill with good blower, David L Stoltzfus, RD #1, Box 440, Gap, PA

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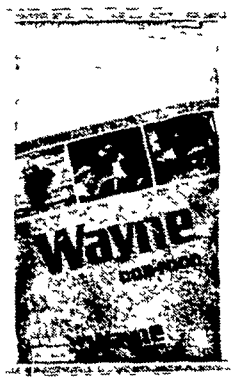

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WHITE OAK MILL

Versatile Adams Co. 4-H'er looks to Pa. Farm Show '78

By SALLY BAIR
Staff correspondent

For Karen Updyke, exhibiting her 4-H projects at the Pennsylvania Farm Show in January is a natural extension of her 4-H activities. Karen, Littlestown R1, is a veteran of nine years of 4-H work in Adams County, and has exhibited at Farm Show for five years.

"I think it is a great opportunity," this 16 year-old 4-H'er observes, "because most of the time I get to go and see my exhibits. I always do pretty good at Farm Show. In sewing I get blue ribbons and I have always gotten some prize for everything I've taken." Last year she won third place in the sweepstakes category for her tailored jacket and skirt.

Karen began her Farm Show competition by entering her first cotton skirt project.

Karen Updyke models her winter, fur-lined coat with which she was a winner in the Adams County Dress revue. The coat will be exhibited at the Farm Show in January.

"When I made a cotton skirt, I did pretty good, and at 4-H Round-up it was marked as good enough to go to Farm Show." Since then Karen has entered some other categories along with clothing. One year she entered a quilted pillow which she made in "create-a-project." In a design with color project she entered a "coiled basket," and one year jellies were among her exhibits. This year it will be her dress wool coat, trimmed in fur, which brought her top honors at county dress revue.

Karen explained that everything is displayed under plastic so she is not concerned about her garments suffering from the dust and dirt which seem to accumulate during Farm Show week.

For the past two years Karen has given demonstrations at the 4-H booth during Farm Show. Her expertise has taken her to 4-H State Days as a demonstration winner so she was selected on that basis. Her first demonstration was on zippers, but last year she demonstrated how to make corn husk dolls and she says that's one of her favorite demonstrations.

"But the dolls I make while demonstrating turn out crummy. It takes a lot of time to make a nice one and the demonstration time is limited so you can't take too much time on details."

Karen is a very outgoing person and says that all the people stopping to see her demonstration at Farm Show didn't make her nervous. "If I know what I'm doing it doesn't bother me," she says.

The experience of giving demonstrations at Farm Show was very appealing to Karen. She explained, "It gives 4-H'ers experience in demonstrating, and it shows the public what we can do. A few people came up afterwards and asked questions, and then you know they're really interested."

A member of the Alloway Creek 4-H Club, Karen said, "I joined 4-H because my Mom encouraged me. We knew a neighbor who was a leader and I just started going to meetings." Later, Karen says, they discovered that she wasn't old enough to join, but by then she had a head start.

Sewing is a real enjoyment for Karen, who says, "I sew almost everything I wear. I find I save an awful lot of money and I can have as many clothes for half the money."

She continued, "The quality is so much better when I make it. If I rush in making something I can tell the difference. I like the challenge of matching plaids, and I can tell when something is store bought."

Last year Karen took "create-a-project" and quilted a pillow cover which she exhibited at Farm Show.

The three faces of Karen--seamstress, craftsperson, basket weaver

When asked how she decides which project will be for her, Karen didn't hesitate.

"When I was younger I saw the older girls in dress revue. I decided several years ago that someday I was going to make a coat. Last year I made a tailored jacket and skirt, so I just decided this was the year for the coat."

How will she top a coat next year? Karen said she's already thinking about making a prom gown for her project, and will try using an invisible zipper and experiment with French seams.

Since she likes to sew so well, Karen is a natural as a teen leader for the sewing project.

"I have two girls in sewing - one in eighth grade and one in ninth grade. They both really like it and are old enough to understand what I tell them. I just enjoy working with them." As a teen leader, Karen also works with other 4-H'ers who give demonstrations at club meetings.

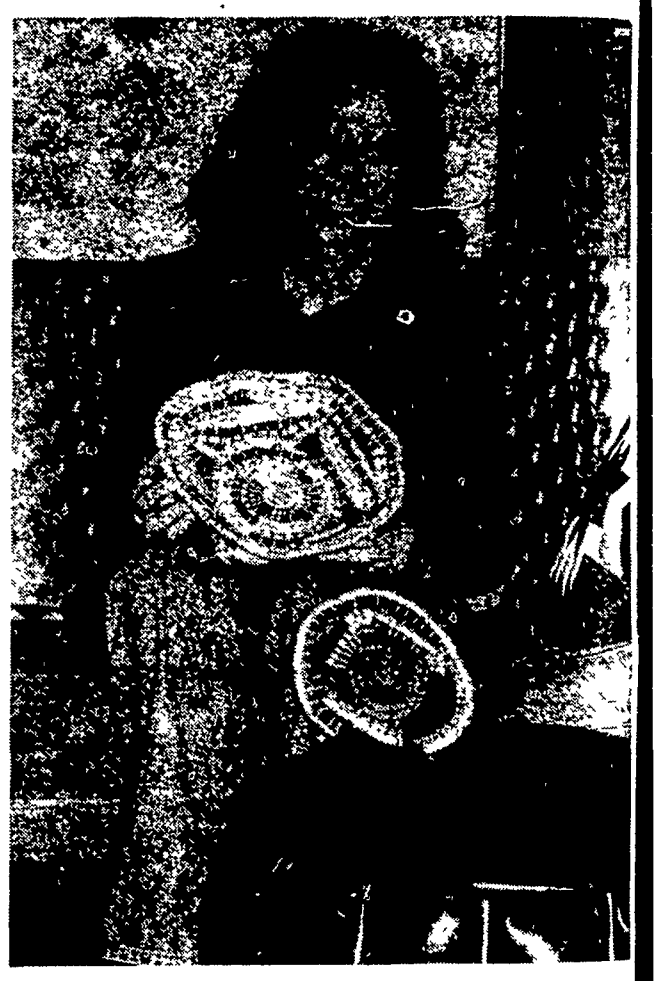
Karen is active on many committees with Adams County's 4-H Senate, and is chairman of the committee planning the exchange trip with 4-H'ers in Wisconsin. She has participated in 4-H State Days three times, was a delegate to Club Congress, was a county winner in dress revue, and participated in regional dress revue.

She was involved with an exchange trip between Elk and Jefferson Counties in Pennsylvania and hosted a 4-H'er from Wisconsin.

"Exchange trips are a great way to meet kids from different areas, and learn about 4-H in other places. I'm anxious to go to Wisconsin and see what it's like there."

Karen obviously enjoys her work in 4-H and says, "I plan to stay in until I'm too old and I plan to be a leader when I get out. I really felt involved in 4-H when I became active in county activities. Now I feel I'm more of a 4-H'er. I don't have much time for school activities."

Karen says she feels 4-H has been an asset to he because, "It helped me overcome my fear of being in fron of people. Now I really enjoy being with people. It helped me learn to get along with others."



Coiled baskets were one of Karen's 4-H projects, and they, too, were exhibited at Farm Show.

Her 4-H background has also helped her with some school activities, she acknowledges. She is a junior at Littlestown High School, and is a member of the speech team, the National Honor Society, the speech and drama class, and the student council. She also participates in school plays.

"At first I was not interested in speech," Karen says, "But then I realized it gives me a different type of situation from giving demonstrations. I didn't have any trouble, and wasn't as nervous as I would have been if I hadn't been involved in 4-H."

Karen is the daughter of Mr. and Mrs. John Updyke, and helps with some of the chores on her parents' dairy farm. She said she helps with haying and field work in the Summer, adding, "They work between the weather and me." Karen has one brother and one sister and added, "Between the three of us we usually get the jobs done I wouldn't want to live in town."

With her busy schedule of 4-H and school activities, the time for hobbies is limited. Karen said her main interest is sewing, but added that she likes outdoor things - horseback riding, swimming and ice skating. She also enjoys doing crafts when she can.

Karen is a little disappointed that demonstrations have been dropped from the schedule at Farm Show this year, but the second week in January will probably find her in the home economics display area, finding out how her garment compared with the others - and getting ideas for the garment which she will construct and display next year.

Farm Women Societies

Lancaster Co. Society 26

Lancaster County Farm Women Society 26 held their monthly meeting recently at the home of Verna Hostetter.

Program for the evening included Kenneth Husser playing his guitar and singing Christmas Carols and the members of the society revealing their secret sisters and giving them Christmas gifts.

The next meeting of the group will be held January 26 at the home of Marianne Grove. The program will be on health and safety and there will be a report on the Farm Women State Convention.

Farm Women's Calendar

Attention, Farm Women Societies! So that **Lancaster Farming** can include your 1978 dates of meetings and important dates, please send a copy of your group's 1978 yearbook to the newspaper as soon as possible.

Yearbooks should be sent to: **Lancaster Farming**, c/o Kendace Borry, Box 266, Lititz, Pa. 17543.

Sunday, January 1
Happy New Year

Berks Co. Society 5 hoedown at the Stouchburg Fire Co.

Wednesday, January 4

York Co. Society 1 meeting at the home of Mrs. Harold Rishel, Dover.

Saturday, January 7

Lancaster Co. Society 1 meeting at the home of Mrs. Mary Clark.

Poisons hazardous to children

MEDIA – Every year over 100,000 children poison themselves accidentally by drinking cleaning fluid, eating fistfuls of aspirin, or swallowing any of a host of other potentially dangerous substances found around the house. Parents can prevent many of these accidents by anticipating such possiblities and taking steps to keep children from poisoning themselves, say experts. Here are some ways to prevent accidental poisoning of children, according to the Health Insurance Institute:

One should keep all potentially poisonous substances locked up. If a person's medicine chest or the cabinet where he keeps his cleaning compounds will not lock, he should keep his drugs and cleaners in another place under lock and key.

A person should never transfer hazardous substances from their original containers to a glass, cup or soda bottle, or anything else that might indicate to a child that it contains something to eat or drink.

One should get rid of unused medicines and household products by emptying them down the toilet or drain. Rinse the container before discarding it.

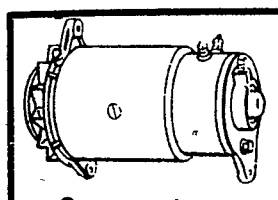
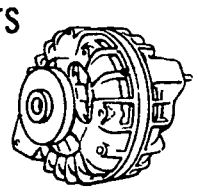
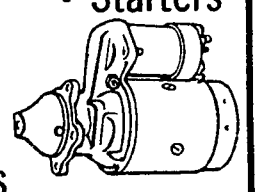
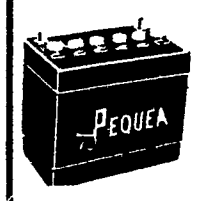
Prescription medicines should be disposed as soon as the illness for which they were prescribed is over.

One should not take medication in any form in front of a youngster. The child may try to imitate his elders sometime when they are not there.

A person should never tell a youngster that medicine is candy or is like candy.

It should always be made a point to buy potentially dangerous products in child-resistant packaging, remembering to close them properly after each use.

One of the first things a parent can do when a child swallows something that may be poisonous is to call the doctor. One should be sure to keep the remaining contents of the bottle or box which the child sampled to identify the poison and estimate how much was swallowed. Without this vital information a doctor's course of action could be delayed. If one cannot reach his doctor readily, then he should call the local Poison Control center, community hospital, or the police. It's a good idea to keep a list of these numbers near the telephone. A good precautionary move, according to poison control experts is for a person to keep handy an ounce bottle of ipecac syrup - to induce vomiting, if that is what the doctor advises.

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121 - Pool Sticks...Reg. $9.95 Our Price $3.50

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9077
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Ida's Notebook

Ida Risser

We are told that each day is a new beginning–a time to start afresh. Somehow, it is difficult to completely forget yesterday's problems. We tend to drag them into today.

With a new year just around the corner, I'd like to quote Ralph Waldo Emersons definition of success as I'm sure it applies to many of my readers "...To leave the world a bit better, whether by a healthy child, a garden patch, or a redeemed social condition: To know even one life has breathed easier because you lived, This is to have succeeded." I'm hoping this will uplift your spirit as it did mine.

xxx

Speaking of changing conditions, I'd like to tell you about an experience that I had with the Pennsylvania Dept. of Agriculture recently. While chopping dates for cookies, I was unpleasantly surprised to find what looked like a sea shell. Upon washing it, I discovered that it really was a sea shell. Soon I found a stiff black hair and then to top it off a white chicken feather. Now I was provoked and wrote to the company that packaged them and to the Pennsylvania Department of Agriculture in Summerdale.

Believe it or not, the next day a food inspector came to the door to fill out a report and get the remainder of the box. He then bought two more boxes, at the same store where I'd purchased mine, in order to check them at a laboratory. That was prompt service!

I've one more story to tell, and this one is different. It concerns the Pennsylvania Department of Transportation. It seems that when a friend of ours renewed his drivers license, his mother, being conscientious, wrote on the license "must wear glasses" as the examining officer had neglected to state this fact two years before.

Back came a form telling them to get an optometrist appointment and examination within 30 days. Also needed was his statement saying that glasses were indeed necessary or his license would be revoked.

Now what kind of justice is that. Sometimes it doesn't pay to be too truthful.

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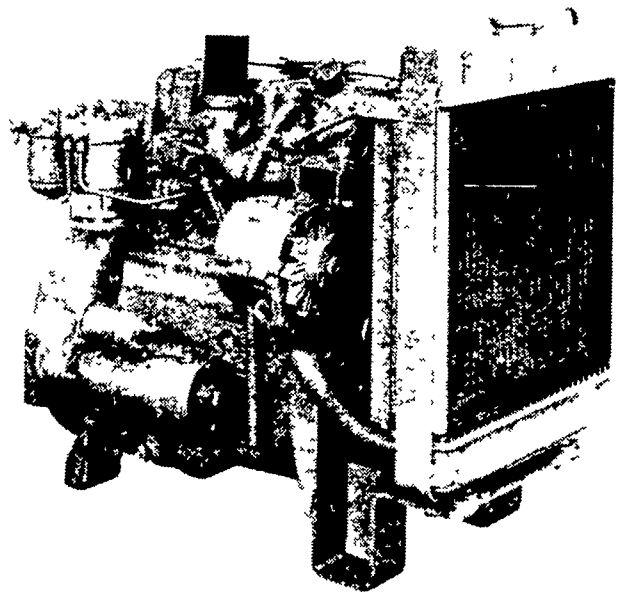

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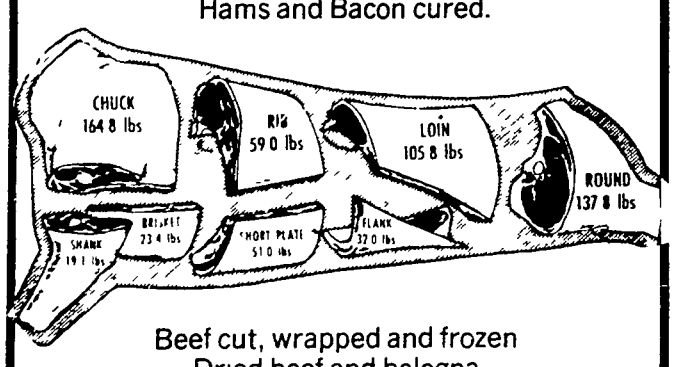

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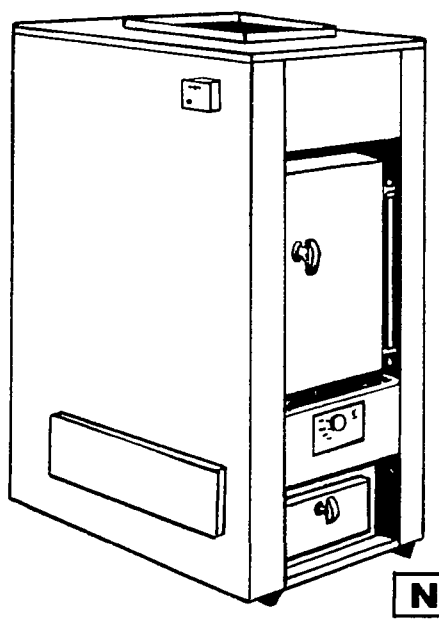
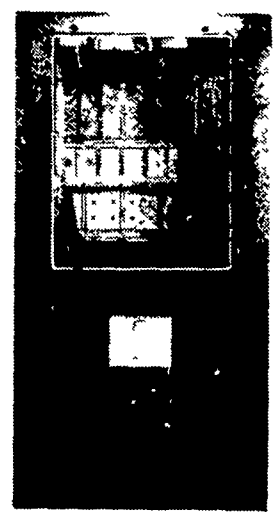
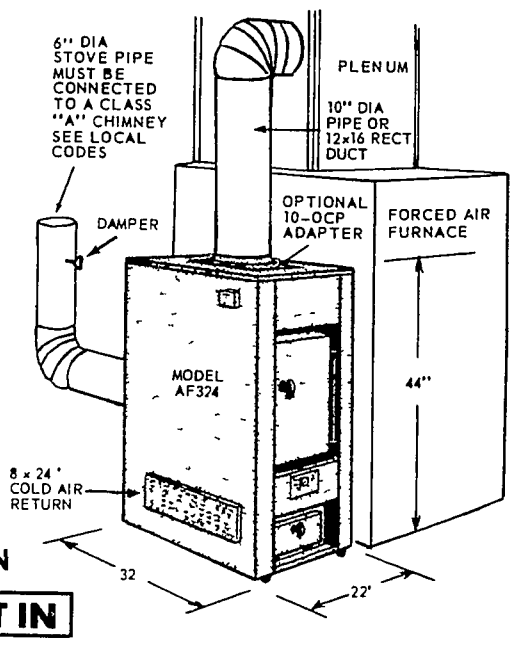




TYPICAL INSTALLATION



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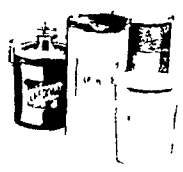

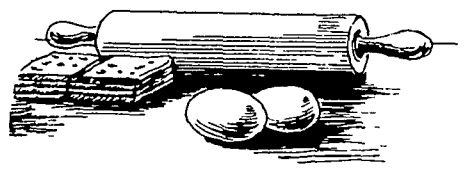

If you are entertaining on this traditional evening of celebration, you probably have all of your food prepared and waiting to be served. But, just in case you might need another appetizer to round out your fare, we are publishing 12 of these little delicacies for your enjoyment.

Have a happy New Year!

CHEESE BALL

1 (8 oz.) package cream cheese
1 (8 oz.) package soft sharp cheese
1 (8 oz.) package Bleu cheese
1 tablespoon mayonnaise
Dash celery salt
Parsley
Pecan meal or crushed nuts

Have cheeses at room temperature. Blend and then whip thoroughly with mixer. Add one tablespoon mayonnaise, celery salt, and parsley. Chill mixture to make it firm to work with and form a ball. Roll in pecan meal or crushed nuts. Refrigerate until a couple of hours before serving.

Mrs. Nita Dodrer
Littlestown, Pa.

xxx

HOT OLIVE CHEESE PUFFS

1 cup grated natural sharp cheese
3 tablespoons soft butter or margarine
½ cups flour
¼ teaspoon salt
½ teaspoon paprika
20-24 large stuffed olives

Blend the cheese with the butter or margarine. Stir in the flour, salt and paprika. Wrap about one teaspoon chesse dough around each of stuffed olives, completely covering olive. Freeze on a cookie sheet. When frozen, remove from cookie sheet and store in freezer bag. To serve, arrange frozen cheese puffs on ungreased cookie sheet. Bake at 400 degrees F. for 10 to 15 minutes or until golden brown. Serve warm. Makes 20-24 olives.

xxx

DRIED BEEF ROLL

Dried beef, sliced
Cream Cheese, softened
Horse radish

Spread slices of dried beef with softened cream cheese mixed with horse radish to taste. Roll up, fasten with toothpicks. Chill, slice between picks to serve.

xxx

SPRITELY SPRITZ APPETIZERS

2½ cups (10 oz.) shredded sharp Cheddar cheese
½ cup butter or margarine
¼ cup milk
1 teaspoon prepared mustard
¾ cup enriched Corn Meal
¾ cup all-purpose flour
½ teaspoon salt
Dill weed
Toasted sesame seed
Poppy seed
Paprika

Combine cheese, butter, milk and mustard, mixing until well blended. Add corn meal, flour and salt; mix well. Force dough through cookie press onto greased cookie sheet, forming desired shapes. Sprinkle lightly with dill weed, toasted sesame seed, poppy seed or paprika, as desired. Bake in preheated moderate oven (375°F.) 10 to 12 minutes. Store in loosely covered container. Makes about 5 dozen appetizers.

Note: To reheat or crisp appetizers, bake on ungreased cookie sheet in preheated moderate oven (350°F.) three to four minutes.

xxx

VEGETABLE DIP

1 cup mayonnaise
1 cup sour cream
1 tablespoon beau-monde
1 tablespoon dill weed
2 tablespoon chopped onion
1 tablespoon parsley
1 teaspoon garlic

Serve dip with fresh raw vegetables (celery, carrots, cauliflower, cucumbers, radishes, etc.) or your favorite crackers and chips. Note: Beau-Monde can be purchased where Spice Island Brands are sold.

Pat Sechrist
York Haven, Pa.

xxx

WEDGIES

4 slices large bologna or minced ham
Cream cheese, softened
Onion, chives, or mustard
Sliced cheese
Sliced olives

Spread bologna or minced ham with softened cream cheese seasoned with onion or chives and mustard. Place slices together (like a layer cake). Spread cheese over top and side, decorate with sliced olives. Chill. Cut into wedges.

xxx

GARLIC CHEESE DIP

2 cups cottage cheese or 3 (3 oz.) packages cream cheese
2 or 3 medium garlic cloves (crushed)
1 teaspoon salt
¼ cup chopped pickles or olives
Mayonnaise or milk

Mix together cottage cheese or cream cheese, medium garlic cloves (crushed), salt, chopped pickles or olives, and enough mayonnaise or milk for a good dip consistency. Chill.

Above two recipes by:
Mrs. Charles Biehl
Mertztown, Pa.

xxx

VEGETABLE ICE CUBES

Arrange a cucumber or radish slice, carrot curl, or parsley sprig in each square of the ice cube tray. Add water and freeze. Serve as

(Turn to Page 54)

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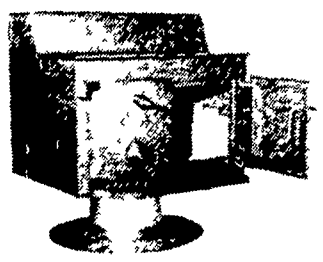

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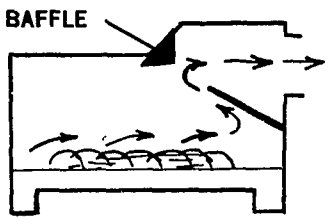

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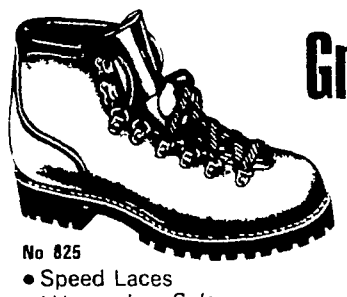

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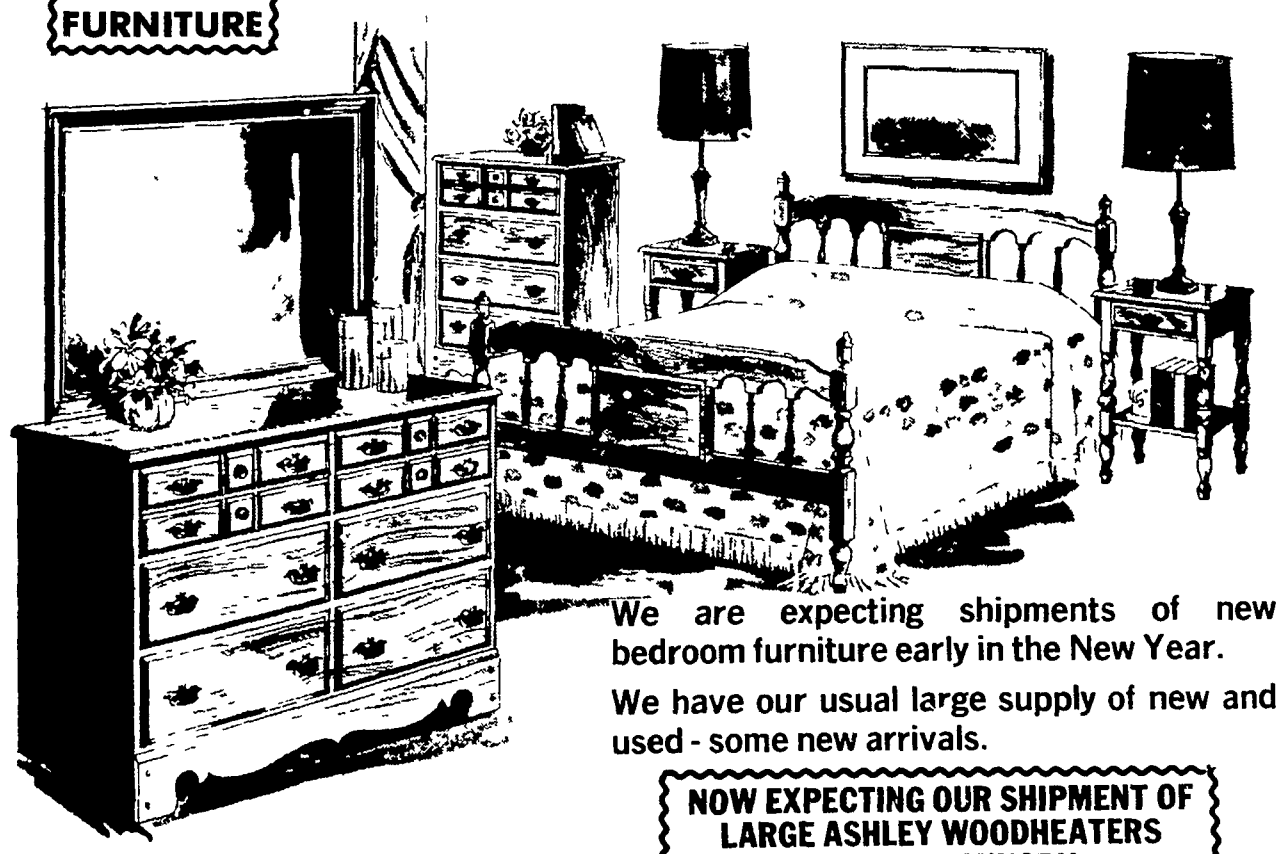

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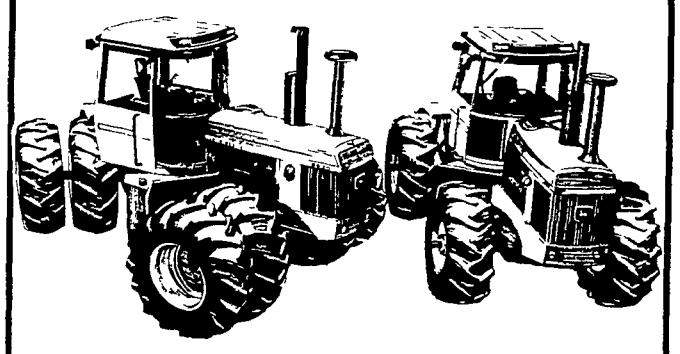

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JOHN DEERE

Home on the Range

(Continued from Page 53)

garnish in glasses of vegetable juices.

FRUIT ICE CUBES

Freeze whole strawberries or mint leaves in ice cubes. Serve in tall galsses of fruit drinks.

Sylvia Quesenberry
Blain, Pa.

xxx

EGGNOG

1 egg, well beaten
2 tablespoons sugar
1 cup chilled rich milk
¼ teaspoon vanilla

Beat together egg and sugar. Beat in rich milk and vanilla. Serve cold in tall glass sprinkled lightly with nutmeg. Note: 1½ tablespoons sherry flavoring and one tablespoon either brandy or rum flavoring may be substituted for vanilla.

xxx

FRUIT EGGNOG

Make above recipe substituting two tablespoons fruit or one tablespoon fruit juice (grape, orange, cherry juice, etc.) instead of vanilla and nutmeg.

CHOCOLATE EGGNOG

Eggnog recipe (printed above)
Chocolate syrup (below)

Make eggnog recipe printed in the above column, omitting the sugar and blending in two tablespoons chocolate syrup printed below.

Chocolate Syrup:
1 cup cocoa or 4 sq. unsweetened chocolate (4 oz.)
2 cups sugar
¼ teaspoon salt
2 cups cold water
1 tablespoon vanilla

Combine cocoa, sugar, and salt in saucepan. Then stir in two cups cold water. Simmer until smooth and thick (about five minutes), stirring or beating with rotary beater, Cool and add vanilla. Stir well. Pour into jar and cover. Store in refrigerator.

Above 3 recipes by:
Mrs. Charles Biehl
Mertztown, Pa.

Course available on farm buildings

UNIVERSITY PARK - Seldom does a farmer have a chance to plan the layout of his farmstead. Generally, he lives with what he's bought or inherited, and the only time he can make changes in design is when he needs new buildings or when a calamity, such as a fire, destroys existing structures.

However, with the help of a Penn State correspondence course written by Dr. Robert A. Aldrich, professor of agricultural engineering, it's possible to appraise the layout of floor space, the supply and arrangement of utilities, and the control of the environment of present farm buildings to make them more suitable and efficient.

Farm owners who want to build or renovate their buildings or replan their present farmstead will benefit from the Penn State course on farm buildings. The course covers the following subjects: planning the farmstead, construction materials, foundations, framing, roofs and roofing materials, insulation and vapor barriers, painting of farm buildings and fences.

To enroll in this helpful home-study course, send your name and address plus $5.50 to: "Farm buildings," Box 5000, University Park, Pa. 16802. Make your check payable to Penn State.

Freezing Cookies

Cookies can be stored in the freezer up to about six months—baked or unbaked. But Extension consumer specialists at Penn State point out that baked cookies should be cool before being frozen. To freeze, place cookies in plastic bags or sheet wrapping.

GREETINGS 1978

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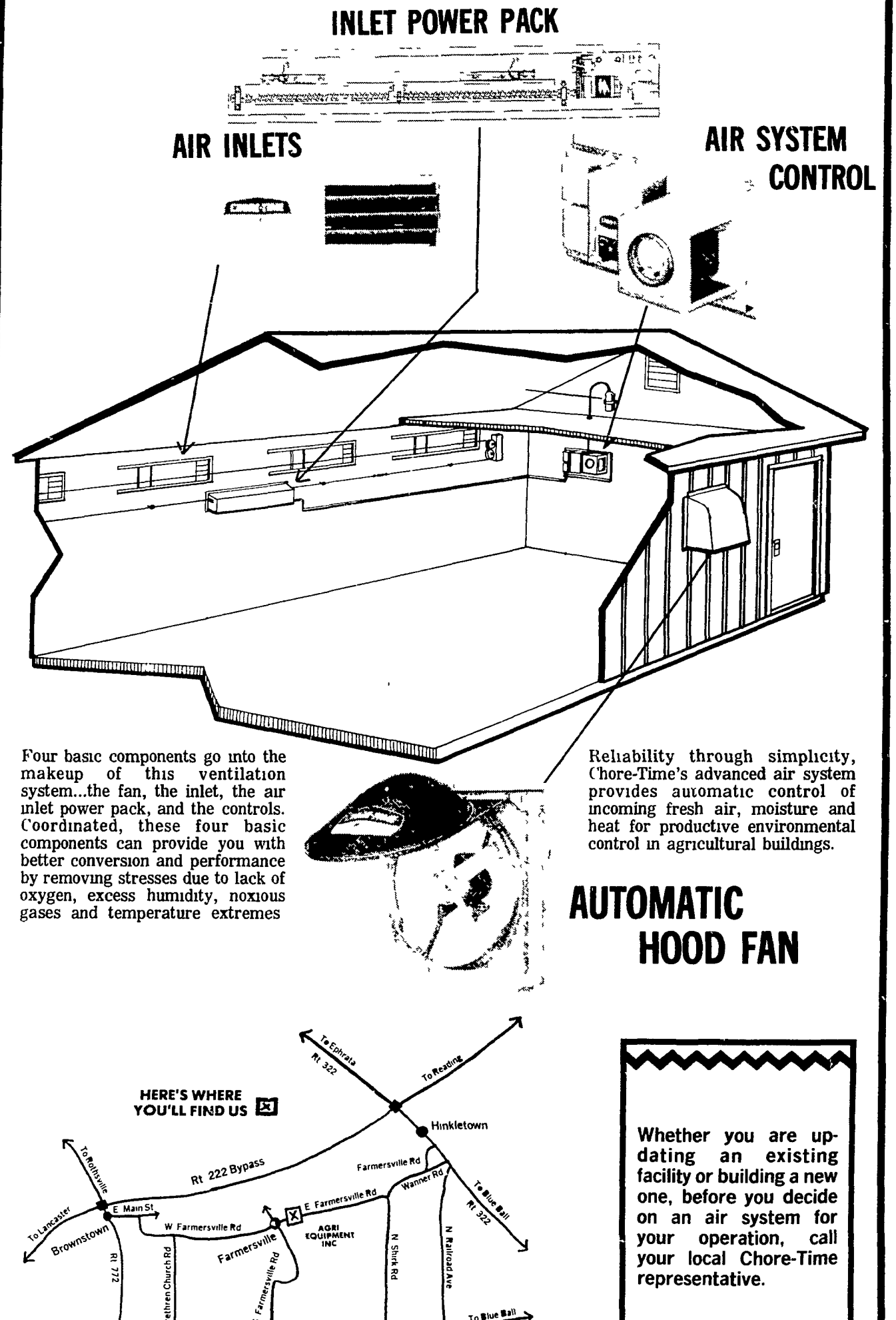

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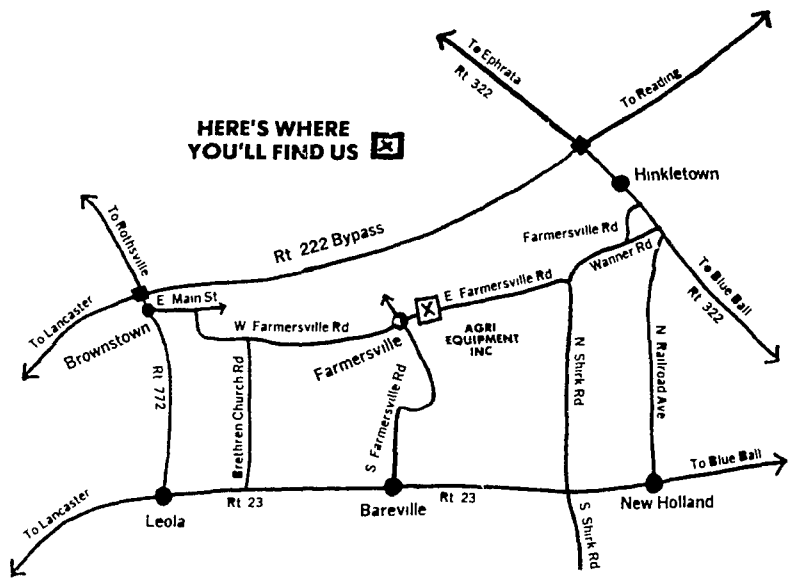

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USDA recommends calfhood vaccination for brucellosis

WASHINGTON, D.C. - "To vaccinate or not is for herd owners to decide, but the U.S. Department of Agriculture recommends calfhood vaccination to help protect cattle from brucellosis or Bang's disease." So says Dr. Frank J. Mulhern, administrator of USDA's Animal and Plant Health Inspection Service (APHIS).

"The practice of routinely vaccinating heifer calves is especially desirable for herds in the relatively high risk areas of the South," said Dr. Mulhern. "But it's also desirable for the northern dairy herds that produce many of the replacement heifers for Florida and other southern states."

According to Dr. Mulhern, USDA specifically encourages calf vaccination in Florida, Texas, Louisiana, Mississippi, Oklahoma, Alabama, Arkansas, Georgia, Tennessee, Kentucky and Missouri – the 11 states with over 90 per cent of the country's herds affected with brucellosis.

Of the 3.8 million calves vaccinated in this country last year, only about 0.5 million or 14 per cent, were located in these high-prevalence states. Yet these states produce about 20 million calves annually or 40 per cent of the toal U.S. calf crop.

Vaccination is even more important in the first five states named because of their higher infection rates and the fact that they are not yet ready to intensify other eradication efforts. Texas, for instance, has 37 counties with 25 or more infected herds. Several East Texas counties have 50 or more infected herds.

Florida, with infection in a number of its large dairy herds, has special eradication problems. Of the state's 400 dairy herds, about one out of 10 have 1,000 or more head of cattle; and very few produce their own replacement heifers. About 50,000 dairy herd replacements enter Florida from other states every year.

Up until now, only about 5,000 of these imported heifers have been official vaccinates. Starting in July 1979, however, any female dairy cattle entering the state or added to Florida dairy herds must have been vaccinated for brucellosis at between two and six months of age.

A third to a half of the animals in these large dairy herds are replaced every year. This large turnover, with animals coming in from many different sources, means taking an undue chance on "buying brucellosis." It's not uncommon for a single shipment of replacement heifers to have ear tags from several states.

Many of the replacements available to Florida producers originate in brucellosis-free herds of the northern dairy belt. But most likely, these animals will have passed through several ownerships, mixing with other cattle in one or more areas, en route to being sold as freshened heifers in Florida. This greatly increases the risk of exposure to brucellosis.

"A communicable disease spread very rapidly in a dense population of susceptible animals,;' Dr. Mulhern noted. "So it is especially important to vaccinate the female calves destined to become replacements for these large dairy herds."

Florida animal health officials are urging buyers to insist upon vaccination certificates for cattle purchased now, even though the new Florida regulations do not go into effect until 1979.

Meanwhile, about 125 Florida dairy herds are currently quarantined for

(Turn to Page 80)

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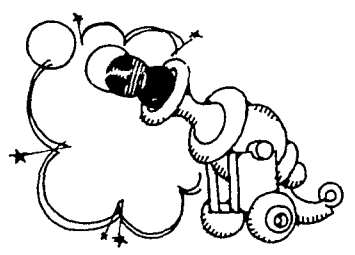

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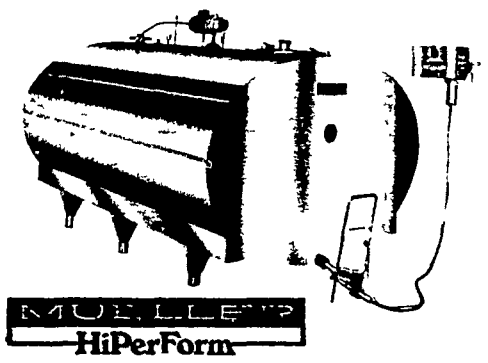

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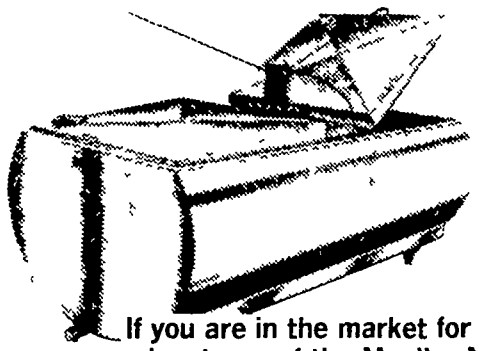

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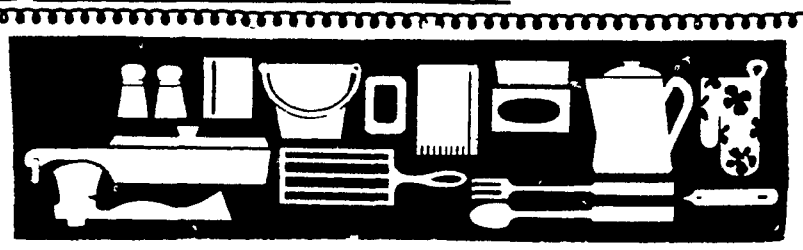

Junior Cooking Edition

More recipes from the Junior Cookers can be found today in the column, with anything from pizza to coffee cake being offered. Each recipe was a favorite sent in by someone who wanted to share something good to eat.

Why don't you send in a recipe to the Junior Cooking Edition? Carefully copy the ingredients, and directions on a piece of paper. Be sure to include complete directions along with your name, age, address, and phone number. Send it to **Lancaster Farming** Junior Cooking Edition, Box 266, Lititz, Pa. 17543.

PIZZA

1 package dry yeast
1 cup warm water
3 cups flour
1 teaspoon granulated sugar
1½ teaspoon salt
¼ cup salad oil

Dissolve yeast in warm water. Add sugar, salt, and oil, and mix well. Add one half of the flour and beat until their are no lumps. Gradually add rest of flour. Knead for five minutes. Roll out to fit on cookie sheet or pizza pan leaving edges thicker than middle. Put tomato sauce over top and sprinkle cheese on. Bake at 450°F. for 15 minutes.

Irene Oberholtzer
Age 13
Narvon, Pa.

GOLDEN BUTTER FROSTING

½ cup butter or margarine
4 cups 10-x sugar
½ cup light cream
1 to 1½ teaspoon maple flavoring or vanilla

Melt butter in sauce pan. Keep over low heat until golden brown, watching it carefully so it doesn't scorch. Remove from heat, stir in sugar. Blend cream and flavoring. Place butter pan in ice water and add cream mixture. Beat until mixture is spreading consistancy. Add more cream as needed. Makes enough frosting to cover a 10-inch round chiffon cake.

Lena Mae Horst
Novelty, Mo.

RED HOT APPLESAUCE

¼ cup cinnamon candies
1½ cups boiling water
1 small package lemon gelatin
1 cup applesauce
3 oz. cream cheese
2 tablespoons thick cream
2 tablespoons mayonnaise

Dissolve cinnamon candies in boiling water. Add gelatin, stir until dissolved. Cool. Add applesauce. Chill until thick. Whip cheese, cream, and mayonnaise. Spread on top. Chill again.

Renee Haldeman
Age 11
Manheim, Pa.

COFFEE CAKE

¼ cup vegetable oil
1 egg, beaten
½ cup milk
1 to 1½ cups flour
¾ cup granulated sugar
2 teaspoons baking powder
½ teaspoon salt

TOPPING

¼ cup brown sugar
1 tablespoon flour
1 teaspoon cinnamon
1 tablespoon melted butter
½ cup chopped nuts

Combine vegetable oil, egg, and milk. Sift dry ingredients together. Add sifted dry ingredients to milk mixture and mix well. Pour into a greased 9x9x2 inch pan. Mix topping ingredients and sprinkle over mixture. Bake at 375°F. for 25 minutes.

John Hostetler
Age 13
McVeytown, Pa.

APPLE WALNUT DESSERT

1 can 15 oz. apple pie filling
2 cups flour
1½ teaspoons baking soda
1 teaspoon salt
1 cup granulated sugar
2 eggs, beaten
1 teaspoon vanilla
⅔ cup vegetable oil
½ cup walnuts

TOPPING:

¾ cup granulated sugar
½ cup butter
¼ cup evaporated milk
½ teaspoon vanilla
½ cup nuts

Pour can of apple pie filling in bottom of 9x13 inch pan. Sift flour, baking soda, salt, and sugar together, and sprinkle over the pie filling. Mix well and pour into pan. Stir until mixture is all dampened. Mix remaining ingredients in with batter until all are mixed. Bake at 350°F. for about 25 to 35 minutes or until cake is done. After cake is baked, prick with a fork and pour hot topping over it.

Barbara S. Troyer
Age 14
Wyoming, Del.

BUCKEYES

2 sticks margarine (melted)
4 cups crunchy peanut butter
1½ lbs 10-x sugar
6 cups crunchy rice cereal
1 large chocolate candy bar
12 oz. chocolate chips
¼ slab paraffin

Mix first four ingredients together with hands until well mixed. Form into walnut sized balls. Chill, then melt chocolate bar, chocolate chips and paraffin over hot (not boiling) water. Dip balls in melted chocolate mixture and drop on waxed paper.

Janet S. Martin
Age 11
New Holland, Pa.

Ag women air views

CHICAGO – Earlier this month the National Livestock and Meat Board held a communications workshop for women in agriculture. At that meeting, organized by the Meat Board's "Partners in Promotion Task Force," discussion centered around the problems common to agriculture, and activities which may alleviate restrictive proposals and regulations of government and consumer activists.

Representatives from nine national organizations met for the two-day conference.

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Dairymen like new somatic cell test

Robert Kendig, Conestoga, is happy with results he has received from DHIA's somatic cell count. He and most others who have tried it say it's a good tool for finding, treating, and possibly preventing mastitis.

By LAUREL SCHAEFFER
Staff correspondent

LEESPORT – The new DHIA somatic cell count test was one of many subjects covered at the Berks County Agricultural Center on December 21 as better than 120 area dairymen gathered for a day designed to discuss many common problems and new developments in the dairy industry.

Speaking on behalf of the somatic cell count program was Robert Kindig, a Lancaster County dairyman from Conestoga. Kindig explained his experiences with the program, citing the advantages and disadvantages.

The Lancaster County dairyman participated in an 18-month experiment which tested the merits of the program. Kindig stated the program, which will be available to other DHIA members after January 1, was beneficial to his operation because it located the cows which had subclinical mastitis.

The test counts the number of leucocytes (white blood cells) in a given sample of milk and is a good indicator of low grade mastitis infections. The higher the cell count, the lower the milk production, the dairymen were warned. By locating the subclinical mastitis farmers are able to treat the cows early and possibly determine the reasons causing the problems so they can be corrected.

Dr. Richard S. Adams

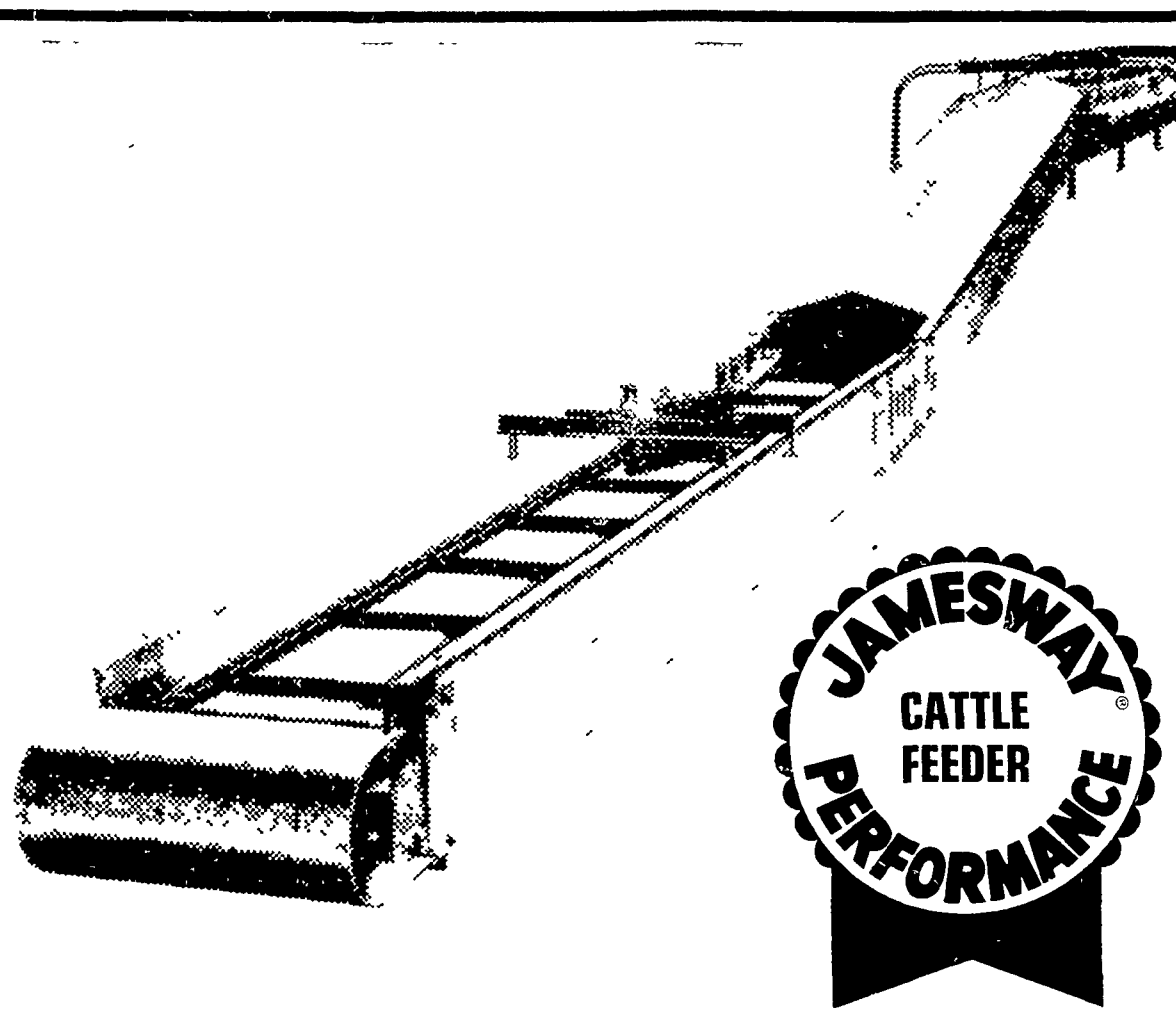
Dr Larry Hutchinson

Kindig told his audience that in many cases the problem lies in the milking equipment, operator, teat dipping program or the dry cow treatment program.

"The cell count won't predict or solve all mastitis problems," Kindig explained. It can't detect quick, high grade flare-ups, but it will show you which cows to dry treat."

Of the people who knew they were on the experimental test, 85 per cent requested to continue on the program, added Dr. Lary Hutchinson, Penn State veterinarian. Hutchinson was also on the Dairy Day program, as was Richard Adams, Penn State dairy feeding specialist They

(Turn to Page 60)



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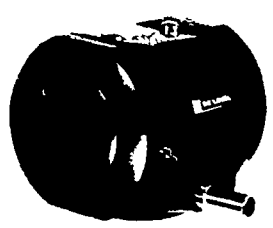

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On being a farm wife

—*And other hazards*

By JOYCE BUPP

Well, here we are again, faced with another year in which to try to correct our glaring faults and just generally improve ourselves.

Okay, I'll publicly admit it. There are certain thankless and disliked household tasks that I sometimes neglect. Maybe this New Year I should resolve to throw my excess energies into jobs like.

– Removing dust balls that collect under beds. The problem is that along with the dust balls are usually marbles, stray socks, doll clothes, forgotten story books and last year's lost sneaker. Cleaning all that up means putting the assortment of clutter in proper places, which then leads to straightening closets, arranging drawers, and being confronted with our fourth-floor disaster-area attic. Gosh–at this rate I could be spending the entire year with a vacuum cleaner in one hand and a dust rag in the other–and all because of those pesty dust balls.

– Washing windows. According to my random surveys, this is a universally detested job, which is done-up one day and done-in by the next. Sparkling clean windows can be relied upon to spawn rain, tractors passing the house in clouds of flying dust, cats sneezing while sitting on the outside window sill and kids autographing the window condensation. However, before it becomes necessary to rub a hole through the dirt to check if the sun is shining, I promise to make a date with the Windex.

– Cleaning the oven. Yuccky! Baking in it is much more fun. Maybe I could talk the big farmer into a new stove in 1978, thus avoiding this job and calming my restless conscience.

– Scrubbing floors. Actually, our floors depict our casual way of life. The farmer casually parades through the door laden with mud, manure, grease, hay, dirt and straw remnants. Two kids casually strew toys hither and yon. Maybe this will be the year when I finally yield to the gnawing desire to haul in the barn pressure washer and direct its spray both to the floor and the first person to cross my shiny waxed path with a dripping boot.

But wait. Is it better to watch the fast-growing-children through sparkling windows, or to abandon the pail and cleaning cloth for a game of ball, a bike-ride or a walk through the woods with them before they grow up and depart? And spotless ovens don't count if they never bake a batch of fresh cookies. Gritty floors don't matter when they got that way through bulldozers and tractors brought in from the sandbox to be played with while keeping Mother company in the kitchen.

Sorry dust balls; you lose. Maybe we can get together next year.

Cookbook is cream of crop

MANCHESTER – Did Christmas come and go without a cookbook under the tree for you? If so, how about doing yourself a favor and checking into **Cream of the Crop,** recently compiled by the American Agri-Women.

The new cookbook, just published in November, is a collection of recipes from all over the United States. It contains over 200 recipes from hors d' oeuves to dessert, and sprinkled throughout the book are bits and pieces of literature on agriculture.

Send a check or money order for $6 to Mrs. Harold Gross, R.D.2 - Box 439, Manchester, Pa. 17345. Or you can pick up the book at her home for $5.

CHILD CARE TAX BREAK LIBERALIZED

Here's dollar-saving tax advice about the new tax law and the child care tax break which has been liberalized. The new law allows a tax credit for child care expenses even when one of the parents works only part-time, or is a full-time student. The credit is based on the earnings of the spouse with the lower income.

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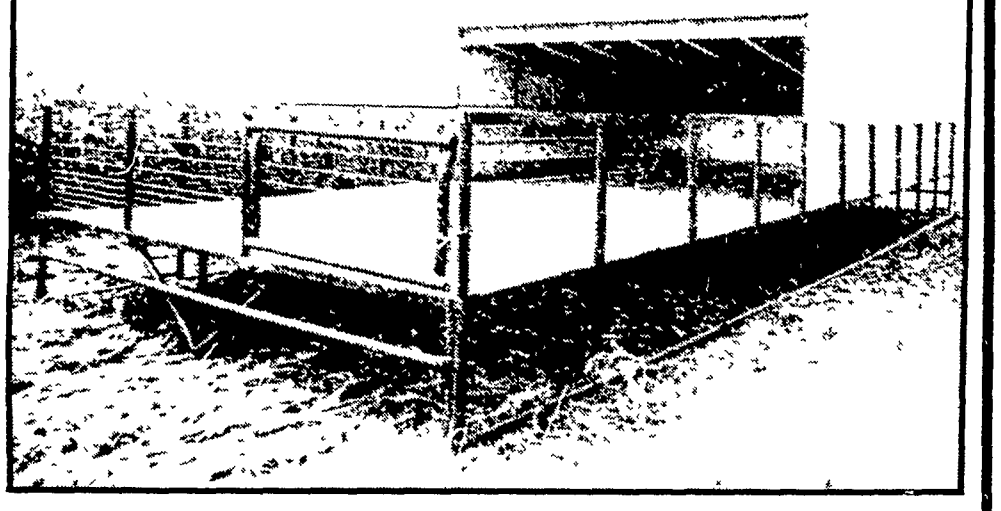

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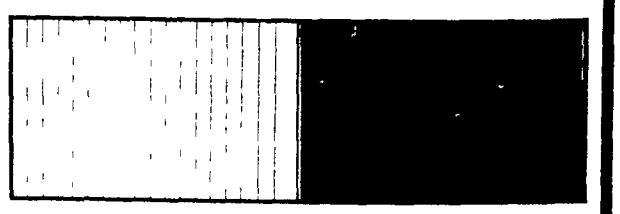

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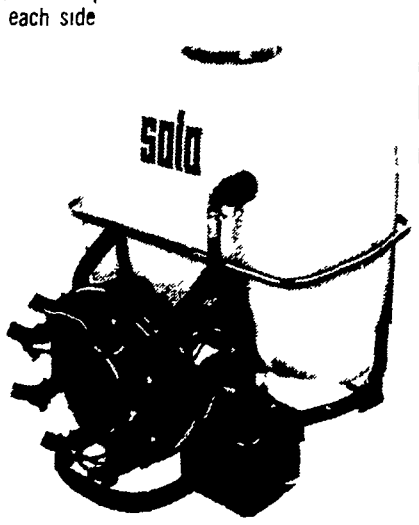

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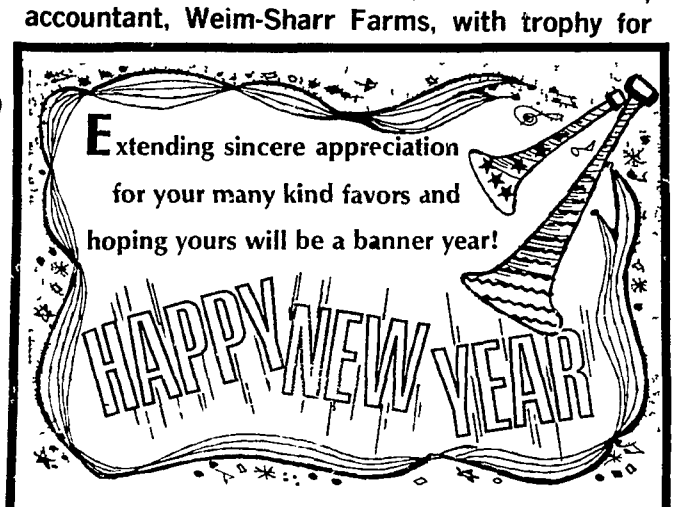
Award recipients at the 1977 Adams County DHIA annual meeting included the following: (left to right seated) Earl Noel, Penn-Mar Farms, first high herd; Oscar Winters,, Hanover R5; Stanley Weimer, Weim-Sharr Farms, New Oxford R2, third high herd. (Standing left to right) Claude Holmes, farm manager for Earl Noel; Donald Baldwin, accountant, Weim-Sharr Farms, with trophy for High Cow Milk Record; Tom Weimer, Weim-Sharr Farms, trophy for high cow in butterfat; Gerald Stoner, Stoner Bros. Farm, East Berlin R2, trophy for high cow lifetime butterfat production; Samuel Stoner, Stoner Bros. Farm, high cow lifetime milk production; Larry Mummert, East Berlin, R1, trophy for herd with greatest increase in butterfat production.



COPE & WEAVER

New Providence, PA

4-H'ers see national culture

WASHINGTON, D.C. – Thirty-five young people from six states are currently in the nation's capital, taking in a broad range of cultural and artistic experiences while participating in a 4-H Humanities Workshop which began the day after Christmas The workshop is being held at the National 4-H Center, 7100 Connecticut Avenue.

Designed to take advantage of the music, art, dance and drama in the nation's capital, the program included performances of the American Ballet Theatre, the Youth String Orchestra from New York, and First Monday in October at the Kennedy Center and the Patchwork Puppets at Ford's Theatre.

Field trips included the Library of Congress Department of Music and Research and the Folger Shakespeare Library to see the set of Shakespeare's Two Gentlemen of Verona. The young people also had an opportunity to visit the National Collection of Fine Arts, the National Portrait Gallery, National Gallery of Art, Hirshorn Museum and Sculpture Garden, Phillips Gallery, Renwick Gallery, Museum of African Art, the Museum of History and Technology and the Washington Cathedral.

Workshops at the National 4-H Center focused on Black Heritage, Folk Music, Ballet and Instrumental Music, plus a special presentation by Fred Schwengel, president of the U.S. Capitol Historical Society on "Art in the Capitol."

The climax of the workshop will come on New Year's Eve (today) with a party at the Center followed by visits to gospel churches.

The workshop is conducted by the National 4-H Council in behalf of the Cooperative Extension Service of the State Land-Grant Universities and the U.S. Department of Agriculture.

The following individuals were recently elected to serve for the next three years on the Adams County DHIA board of directors: left to right - Thomas Clowney, Gettysburg, R6; Leroy Deputy, East Berlin, R1; and Scott Whiteford, New Oxford, R2.

NORTHCO

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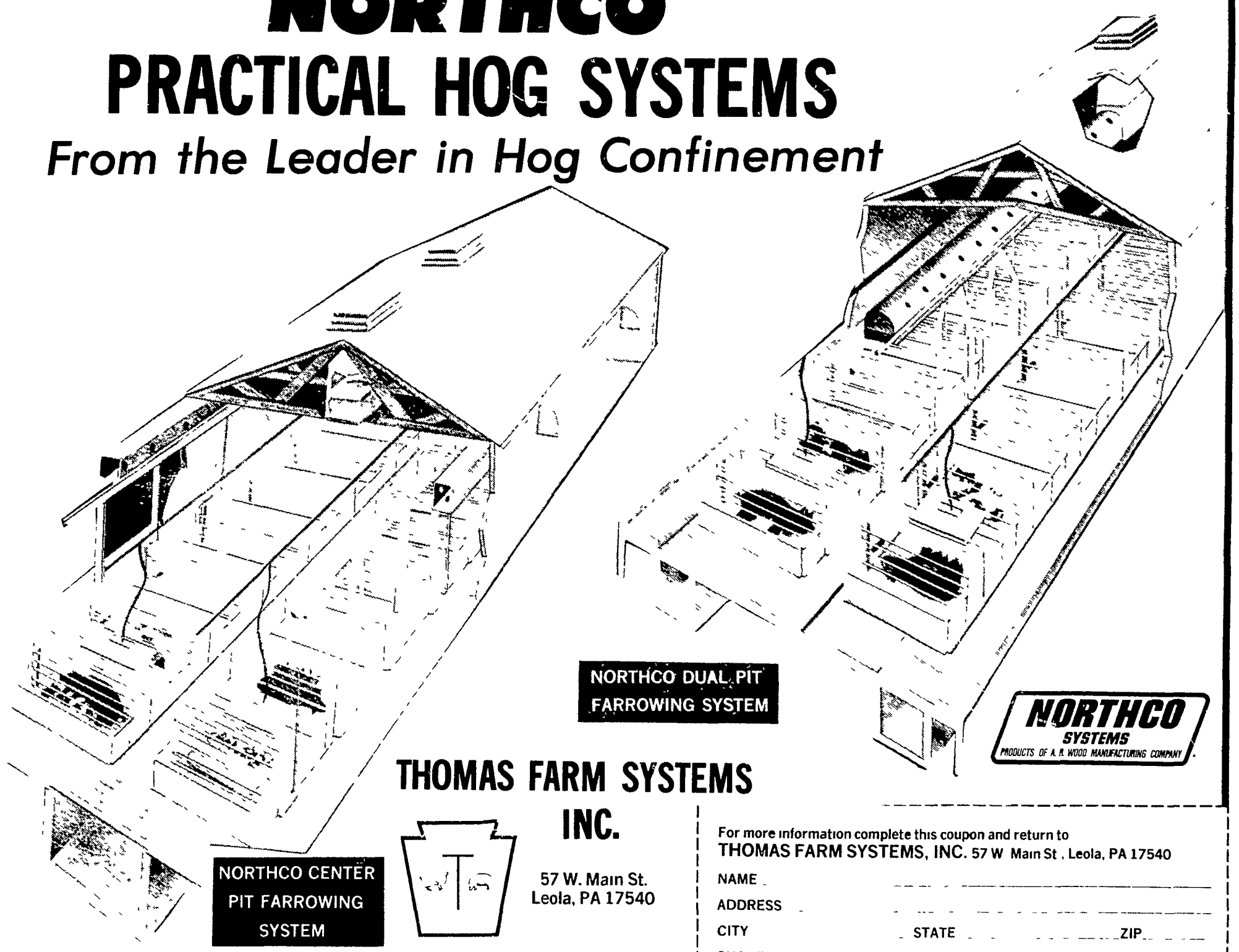

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Dairymen

(Continued from Page 57)

discussed common problems in herd management.

The somatic cell program is of value even to the top herds, Hutchinson stated. He also mentioned to the area dairymen that he felt it was advantagous to treat every dry cow in every quarter.

The cost of the new program is 12 cents per cow per month. Interested dairymen should contact their county Extension office for more information. It was also noted that only 20 per cent of the dairymen in each county were eligible for the program at the present time because of the present handling limitations.

Kindig told the dairymen that he felt the program is beneficial in other ways besides detecting subclinical mastitis. "It can also help in merchandising," he stated, "you will be able to produce records to prove if a cow has low tests in many cases."

Adams and Hutchinson discussed many common problems among dairy herds in Pennsylvania and offered possible solutions and recommendations for their prevention. One such problem dealt with cows not showing heat and having low conception rates.

Depending on the herd, there are many possible reasons for the problem. The cows could be vitamin or energy deficient, too thin, or possibly be anemic, suffering from parasites, infected, or cystic. The important thing is to find the reason and correct it at the source. Blood tests and fecal examines may provide the answer or possibly a change in ration. Basically the dairymen were advised to organize, keep records, and practice sanitation to maintain the cows' reproductive health.

Pregnancy checks and close observation for abnormal discharges were also advised.

While discussing feeding programs, Adams advised the area farmers to provide a complete ration. Emphasis in the future will be on producing more milk on less feed, he told the dairymen. Going to a complete ration will be the answer. In 10 years, Adams stated, that will be the way to feed.

Problems with abortions, retained placentas and metritis were also discussed. One possible reason for these problems may be a selenium deficiency, Adams explained. Most feed grown in the East is deficient in this

(Turn to Page 90)

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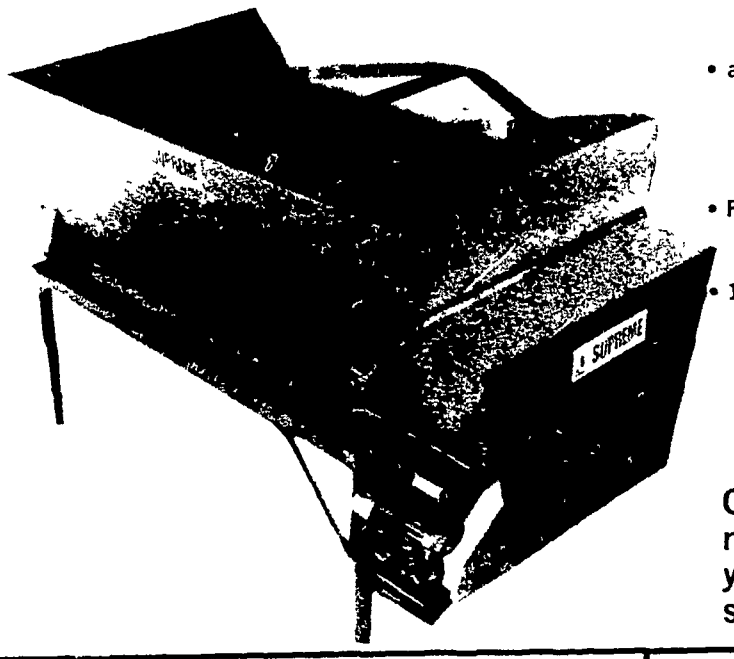

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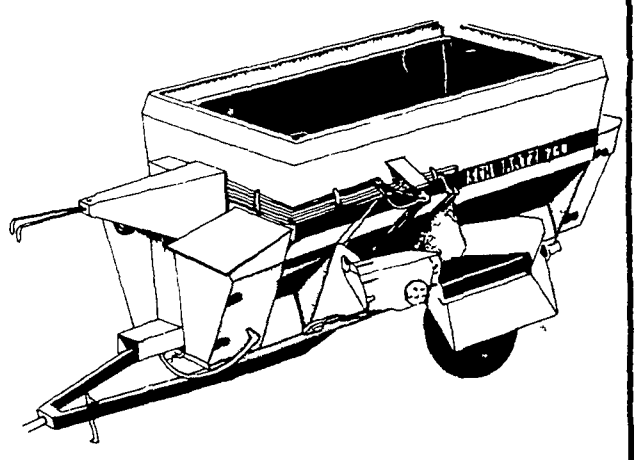

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Corduroy is popular fashion

DOVER, Del. – Corduroy is back on the fashion scene, and more popular than ever. Beautiful, durable and comfortable, it's ideal for casual wear for young and old alike.

Unlike corduroy of the past, today's fabric combines the softness of cotton with the wrinkle-resistance of polyester. Because the pile takes all the wear rather than the underlying fabric, corduroy is one of the sturdiest fabrics made. This long-wearing quality, plus relatively low cost, makes it one of the most economical fabrics for family use. It can also be treated with various finished for even greater versatility.

Janet Goszyk, Delaware Extension home economist, has some suggestions for sewing a garment of corduroy. First of all, she says, choose a pattern in a simple design with few seams. Since corduroy is a napped fabric, all pattern pieces must be placed in the same direction. For this reason, it may be necessary to buy extra yardage.

The nap or direction of the pile affects the color of the garment piece, adds Ms. Goszyk. To determine which way the pile runs, one can brush a hand lightly over the surface: the smoother feel indicates the pile direction. On a finished garment, pile running up gives a darker, richer color, while pile running down provides a lighter, smoother look.

The nap of corduroy can also make the figure appear a bit heavier. To minimize this problem, choose a pattern with simple lines and few details. Diagonal seams and darts will cause some distortion of the ribs in the corduroy and thus be more obvious and eye-attracting.

When constructing the garment, one should eliminate as much bulkiness as possible. In some cases, says the home economist, facings can be made from a lighter-weight fabric. If the corduroy is used for facings, the seams should be trimmed to different widths (called grading) for a less bulky appearance on the outside.

One shouldn't turn under the raw edge of a corduroy facing or hem, but pink the edge or finish it with seam tape, and leave it flat.

Top stitching should be avoided since the ribs of the fabric make it difficult to stitch in a perfectly straight line.

Pressing corduroy takes lots of steam and a light touch. The wrong side of the fabric should be pressed with another piece of corduroy face up against it, or a needle board underneath, can be used suggests Ms. Goszyk. Heavy pressure, should be avoided as this will flatten the nap and make seam impressions on the right side of the garment.

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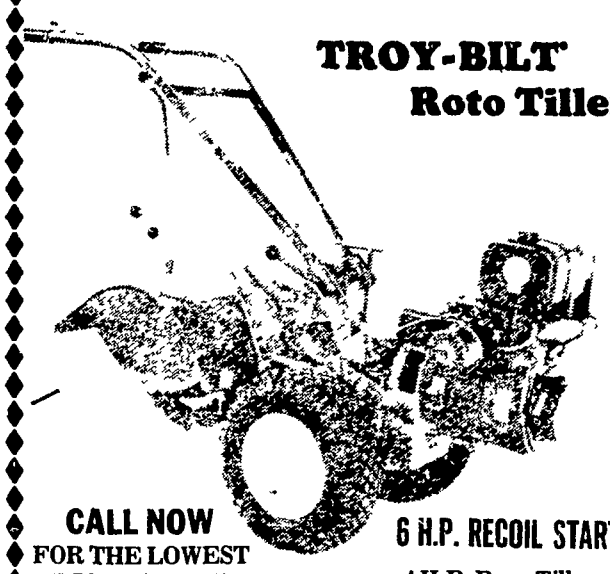

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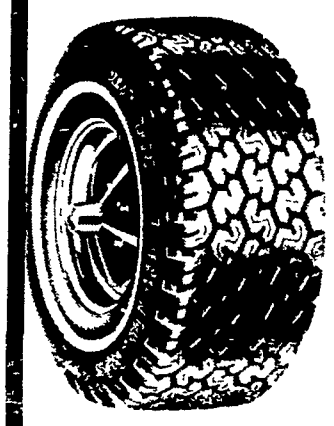

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David and Fred Dickmyer

LINEBORO, Md. – Fred Dickmyer and son, David, recently attended a four-day service school for Patz dealers at company headquarters in Pound, Wis. Training sessions included instructions on the installation and servicing of the complete line of Patz feed and manure handling equipment. The Dickmyers own and operate Wertz Garage of Lineboro, Md.

WHAT'S NEW

GRAIN CLEANER

Sirocco International, Inc., a Minneapolis based grain machinery firm, announces further innovations in its "Zenith Model" grain cleaners.

The Zenith Grain Cleaner is made for high capacity cleaning of all grains, especially corn, milo, and soybeans; and removes virtually all fines, weed seed, etc., says a company spokesman

The Zenith Grain Cleaner features a newly designed screening system which enables quicker, easier screen changes, plus other design improvements to allow for operator convenience

The machine is available in capacities from 1800 BPH to 7500 BPH, from Sirocco International Inc., P O Box 1003 Minneapolis, M 55440

Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist

ABOUT WINTER PEARS

Fresh Winter pears offer you a multiplicity of uses. They combine well with seafood cocktails, they taste and look good in a variety of salads, and they add a special touch to meal endings.

It's the d'Anjou pear that will be dominating the Winter market. These pears are oval to globular, with sides slightly unequal. They have a short, thick neck with a stubby stem. When they are ripe, the skin is light green to yellowish green. The flesh of the fruit is creamy white, and it has a buttery, juicy texture.

The Bosc pear has a long, tapering neck. The skin is a dark yellow overlaid with a cinnamon-russet color, varying in intensity. The Bosc pear has a buttery taste and is very juicy. It rates among the best in dessert quality.

Both Bosc and d'Anjous very likely will be hard to the touch when you buy them. D'Anjous will even look fairly green. Unlike most other fruits, pears do not successfully ripen on the tree. They are picked when they are mature to give assurance to proper ripening.

To ripen these pears at home, put them in a brown paper bag and let them stand at room temperature for two to five days. Then give them the touch test. If they yield to gentle thumb pressure at the stem end, they are ready for some of the best fresh fruit eating you are likely to find this Winter. Refrigerate them. This will inhibit further ripening and keep them at the "just perfect for eating" stage.

A pleasing shape, good taste, and ease of eating out of hand make Winter pears good additions to any fruit bowl. Their buttery texture and taste and just right amount of juiciness make them ideal candidates for a go-together food with cheese and wine, for salads, or for meat accompaniment.

Put them on your shopping list. Get acquainted with the right way to ripen them. Try them in new ways or old ways for a fresh fruit treat.

JANUARY, START AFRESH MONTH

Among the many other things that happen about now is that we look back over the year...we think about the mistakes we made...the fun we had...and we evaluate the progress we made. And then we look ahead to a new year, and we promise ourselves to sail through it without upsetting our personal ships. Perhaps we decide to follow the advice of one of our friends and make it the year we enter our own personal sweepstakes. Or we decide to read all the books and articles we didn't read last year. Also we might pledge ourselves to do one kind and thoughtful out-of-our-way thing each day. Then, too, we set down certain resolutions we hopefully plan to carry out during the year. And some of these resolutions could range from the ridiculous to the sublime. But at any rate, we've made them.

January has a certain beauty about it...I like to think of it as start afresh month. It's a month with all the freshness of the dew on a rose...the joyousness of launching an exciting new chapter in our lives. It's a challenge...this month of January of a new year. It's a challenge to correctly evaluate ourselves as we were last year...to plot a more useful and happier year...and to lay the foundation for successful and satisfying years to come.

Let's think of January as the vital month that begins a new year...then ask ourselves "what are we going to do about it."

FAILURE TO SIGN RETURN CAN HAVE SERIOUS RESULTS

Here's tax-saving advice on reasons for signing your tax return. Failure to sign a tax return can cause more than the inconvenience of getting it back and having to mail it in again, perhaps with penalty and interest. The statute of limitations does not take effect until three years after a signed return is filed; don't deprive yourself of this protection.

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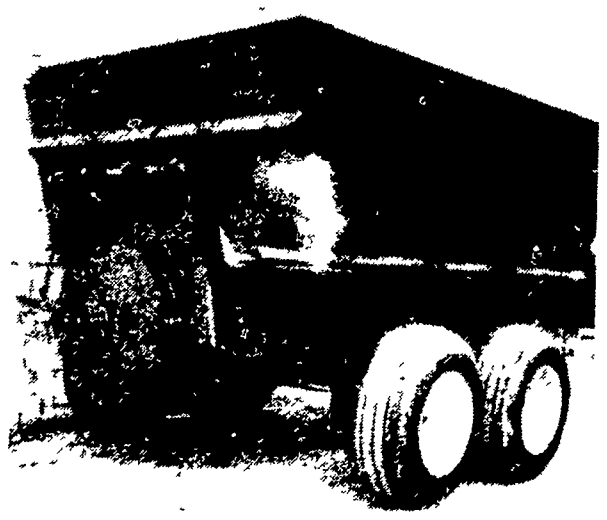

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Farm game may be educational tool

By JERRY WEBB
University of Delaware

A farm game has been added to the list of "games people play". It's so new, you won't find it for sale in any toy stores. In fact, you may never find it for sale. The farm game I played was an experimental game developed by a graduate student at Cornell University. It included a board, a spinner, dice, several other small items and a number of sheets of paper designed to inform the player about agricultural decision making.

The object of the game was to make money.

My involvement with the farm game occurred at a meeting of agricultural college editors. Some 20 of us seated around a table played well into the evening as we won and lost fortunes in the farming business. I'm proud to say my farm made $34,000 in its first year of operation. That was after-tax income. But before you get the idea that I really know what I'm doing, I should hasten to explain the game. It includes a lot of the decision making that any farmer must do, which fields to plant in what crops, how much fertilizer to use, machinery investment and depreciation, fuel costs, and so on.

Things like insect outbreaks, rainfall and other natural disasters are controlled by the roll of the dice or a flip of the spinner. So in that sense, it may not really be like farming. My profit was strictly the result of a favorable insect situation, adequate rainfall and the luck of having chosen crops that did well that year.

To a veteran farmer, the farm game would probably be boring, unrealistic and of little interest as a game or a teaching tool. Perhaps a group of college students in a farm management course might get a lot out of it, or maybe vocational agriculture students could play the game and sharpen their farming skills.

The real potential I see for such a game is the nonfarm audience—those consumers who have heard about farming but have never really been involved. As the game's inventor indicated, it's about as close to farming as you can get without really being out there. So a group of consumers who are trying to understand the farmers' problems a little better might sit down around a table with such a game and go through some of the agonies that a farmer must go through.

Decisions must be made on how many acres to plant to what crop, how much insect and disease protection to apply, how much fertilizer will be necessary, whether to go for high-investment crops like potatoes and vegetables or stick with soybeans and corn. The make-believe farmer then has an opportunity to figure his expenses, roll the dice for his yield potential, spin the weather indicator and find out what kind of crop he gets. The player then rolls the dice for prices and from there calculates the income.

In a simplified, condensed way the game is not unlike the process a farmer goes through. So in that way, a nonfarm player gets the feeling for what a farmer faces. And really that seems to be what farmers are asking consumers to do. That is, to understand their problem, and maybe the farm game is about as close as the consumer can get to walking in that farmer's shoes. Perhaps after an hour or so of playing the game, that consumer starts to understand a little bit of the agony of a hail storm, or an insect outbreak, or a declining market, or the exhilaration of a major export transaction that boosts crop prices. It also helps to teach the relationships of fertilizer and pesticide expenditures to total income and other variable input decisions. The player who fertilizes heavy and protects well has a better shot at a higher yield. For that protection, however, he pays considerably. If crop prices are good, he makes money.

The farm game was an interesting couple of hours for me. It was a challenge competing with 20 other people to see if I could make my farm pay. As I indicated earlier, I did make money, but many lost simply because of the cropping decisions they made or the weather or yield handed them strictly by chance.

When you think about it, that may not be a lot different than what farmers are going through as they make cropping decisions and then take their chances on the occurrences of nature and the markets that lie ahead.

The farm game is not commercially available although it might be some day, but it is the kind of thing that could be developed. It could be an excellent device for a farm-city meeting or as a topic for a nonfarm group that wants to understand farming a little better.

Farmers score high in corn yields

QUARRYVILLE – Dale Mellinger, Quarryville, Lester Smith, Lebanon, and Harold E. Miller, Lebanon, have placed high in the local Project: 200 corn growing program with a corn yield of 155.3 bushels, 172.8 bushels, and 154.4 bushels, respectively, per acre.

Mellinger used Funk's G-4646 in his high yielding plot. His fertilizer program consisted of 319 pounds nitrogen, 143 pounds phosphorous, and 72 pounds potassium. He used Lasso/Atrazine for weed control. The crop was planted on May 6 in 34-inch rows at 22,000 plants per acre. The yield was adjusted to 15.5 per cent moisture.

Smith also used Funk's G-4646 in his high yielding plot. His fertilizer program consisted of 615 pounds nitrogen, 630 pounds phosphorous, and 415 pounds potassium. He used Atrazine and Lasso for weed control. The crop was planted on April 26 in 30-inch rows at 24,500 plants per acre. The yield was adjusted to 15.5 per cent moisture. The crop was irrigated.

Miller used Funk's G-4321A in his high yielding plot. His fertilizer program consisted of 134 pounds nitrogen, 152 pounds phosphorous, and 34 pounds potassium. He used AAtrex and Lasso for weed control. The crop was planted on May 5 in 36-inch rows at 22,000 plants per acre. The yield was adjusted to 15.5 per cent moisture.

Project: 200 is sponsored annually by The Producers of Funk's G-Hybrids and is the largest corn growing program of its kind in the nation.

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'Hot topics' for 1978

By JERRY WEBB
University of Delaware

Another farming year is rapidly coming to an end and farmers throughout the area are busy wrapping up their year-end farm business. In addition to actual field work that for some remains to be done, farmers are in the midst of a lot of bookkeeping that will have a bearing on their income tax situation. It's not enough to just raise crops and livestock. Farmers have to be successful in marketing them and part of that marketing strategy has to do with the time of year that things are sold. Depending on how profitable a year it's been, a farmer may ease his tax burden a little by deferring a sale of something or by buying ahead on next year's farm supplies. For most, this will be a time to sell commodities and put off buying to help balance a low income year.

Farmers have some other problems on their minds as they prepare for the 1978 season beyond just what crop will be the most profitable or best suited to their operations. In fact, there's a growing list of perennial problems that farmers must deal with or at least that are a constant worry to them.

If you see as many farm magazines as I see, you develop a list of hot topics – things that farmers are interested in or at least ones farm magazines think they're interested in. And anybody's list of ten most important farm subjects this winter would have to include these.

★ Paying The Bills - This has been one of those rough years when most farmers have found it difficult to make ends meet. Some will find it difficult to get needed credit to get going again in '78.

★ Farmland Prices and Rental Rates - Some farmers have been paying too much for the land they till. And while they rethink this whole issue, they still face too-high land values. Those who insist on farming on a large scale are stuck with these inflated costs.

★ Parity - No one word in modern agricultural history has caught the interest and imagination of so many farmers. Considerable time and effort has been expended toward gaining parities for farmers – a goal that has eluded them for about 42 of the last 44 years.

★ Farm Inheritance - There's a growing concern over how to pass the family farm on to the next generation. Rising inheritance taxes, widow's taxes or whatever you want to call them, are a major concern to the farmers of America and a lot of thought is being given to solutions to this problem.

★ Farm Exports - Farmers went through a rough time of trying to figure out their market this past year and it looks as though increased exports are their best hope for the coming year.

★ Government Regulations - Farmers have to comply with a growing list of rules from a whole bunch of alphabet agencies that didn't even exist a decade ago. They're bombarded with forms that must be filled out, rules and regulations that must be posted and directives that must be followed. They're frustrated about all this red tape but at the same time are powerless to do much about it. As most farmers will tell you, if they wanted to do paperwork they'd get a job in town. But farming has changed and that's one of the things they're having to accept whether they like it or not.

★ The Farmer's Image - There seems to be a preoccupation in agricultural circles with the image of the American farmer. Even though a lot of effort has been expended by a lot of agricultural suppliers to help the farmer improve his image, he still feels as though he is unwanted and unloved.

Surely there are many other concerns among farmers. These are ones that have come up again and again in the farm press and seem to get a lot of reaction from farmers. Like death and taxes some of them are beyond an individual farmer's control. On the other hand, farmers can do something about some of their problems. Don't be surprised if a lot of attention is focused on basic economics, farm management and decision making in the months ahead. Herein lies the best hope for successful farm operations in the short run. And it's something farmers can do that won't cost a lot of money and could yield tremendous returns.

WHAT'S NEW

DAIRY FEEDING PROGRAMS

Three new dairy feeding programs, incorporating the latest research on protein utilization and solubility, have been unveiled by Pennfield Corporation's Feed Marketing Division. Called Penn-Pro Feeds, the programs include specialized feeds for milking cows, dry cows and herd replacement.

Prompted by the results of recent scientific nutrition research, Pennfield Technical Services personnel began work developing Penn-Pro several months ago.

"We felt that the relationship between protein solubility and utilization was important enough that we should translate it into feeding programs," Dr. Richard Peacock, nutritionist and technical services director commented.

"Agricultural nutritionists," Dr. Peacock continued, "began to realize how important the protein-energy relationship was several years ago. Since then, many university studies have given us data to prove this relationship."

Tim Horn, ruminant nutritionist with Pennfield, also worked on developing the programs. "We know that needs vary in a dairy feeding program," Horn commented, pointing out that nutritional requirements vary according to a cow's stage of lactation. The difference between the Penn-Pro milking and dry cow programs allows for these varying requirements."

"We've designed Penn-Pro protein and mineral levels to complement roughage feeding - we've also designed the energy level to complement the energy level of the forage feeding program," Horn added.

Further information on Penn-Pro Feeds is available from the Feed Marketing Division of Pennfield by writing to Pennfield Feeds, 711 Rohrerstown Road, Lancaster, Pa. 17604, or phoning (717) 299-2561 or toll free (800) 732-0467.

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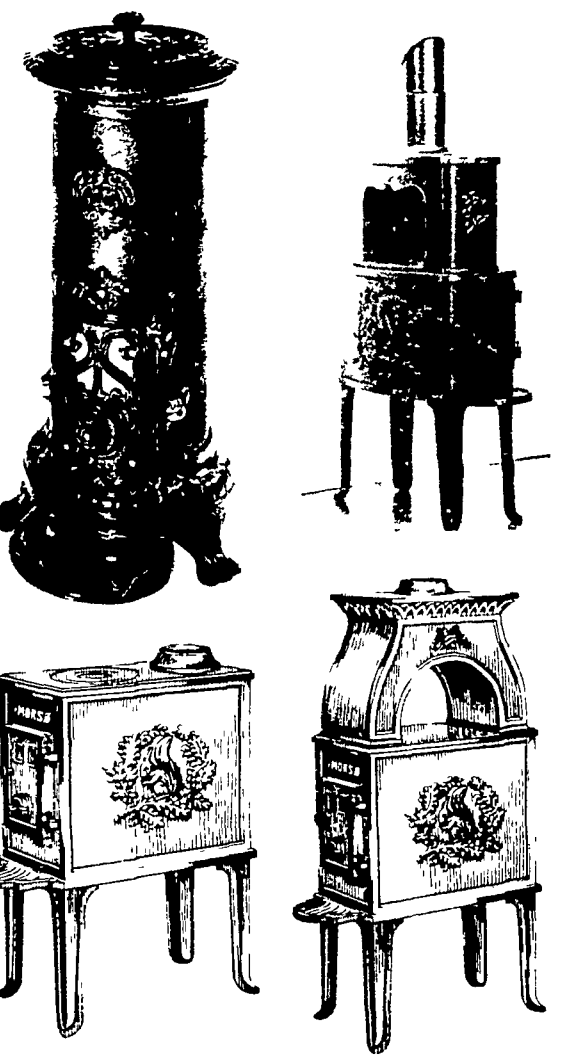

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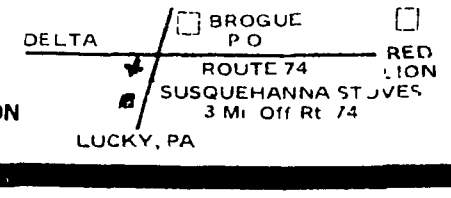

Net weight information may change

NEW YORK, N.Y. - Consumers will get more accurate net weight information about meat and poultry products under a proposed change in federal regulations announced by Carol Tucker Foreman, assistant secretary of agriculture for food and consumer services.

"This major change in Department of Agriculture regulations would require that net weight be accurate at the time the product is sold to the consumer, rather than accurate only at the time it leaves the processing plant," Ms. Foreman said. Certain meat and poultry products lose moisture during transportation and storage, sometimes resulting in containers being below their indicated net weight when sold.

"The consumer who pays for one pound of product wants to know that it weighs one pound when it is bought - not at some previous time when it left the packing plant.

"Consumers should be aware, though, that if these new regulations are adopted, processors might increase prices for some meat and poultry products to cover their costs of overpacking containers to make up for moisture loss that occurs in certain products," Ms. Foreman said.

Ms. Foreman said the new regulations were developed to overcome shortcomings in the present system.

The other proposed changes in the federal meat and poultry inspection regulations administered by USDA's Food Safety and Quality Service would:

- Define specific limits by which individual containers could vary from the stated net weight on the label, with some variations permitted as a result of normal manufacturing procedures.

- Require meat and poultry processors to maintain a USDA-approved quality control system for net weight compliance under which all lots of consumer-sized containers would have to be sampled. This quality control system would be closely monitored by FSQS meat and poultry inspectors on duty in processing plants.

- Small packages of poultry products, those weighing less than one-half ounce, which are shipped to retailers in large containers would be exempt from the net weight labeling regulations - provided that their shipping containers comply with the proposed regulations. This provision would conform with present labeling regulations on small packages of meat products.

- Cartons of shingle-packed bacon would have to conform to the general net weight labeling regulations covering other meat products. The net weight statement would be required on the principal display panel on these packages and would have to be expressed in both ounces and pounds: for example, 'Net Wt. 24 oz. (1 lb., 8 oz.)'. Current regulations exempt bacon packages from this requirement.

Interested persons are invited to submit comments on these proposed changes by March 2, 1978. Written comments should be sent, in duplicate, to the Hearing Clerk, USDA, Washington, D.C. 20250.

Anyone wishing to comment orally should call Dr. W.H. Dubbert (202) 447-7470, before the deadline date. A transcript will be made of all oral comments.

All comments, written or oral, will be available for public inspection in the Office of the Hearing Clerk during regular business hours.

Official notice of the proposed changes in regulations was published in the Dec. 1 Federal Register.

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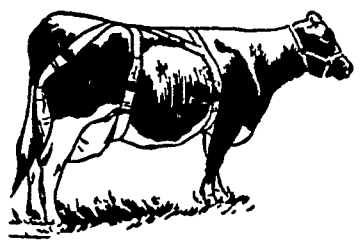

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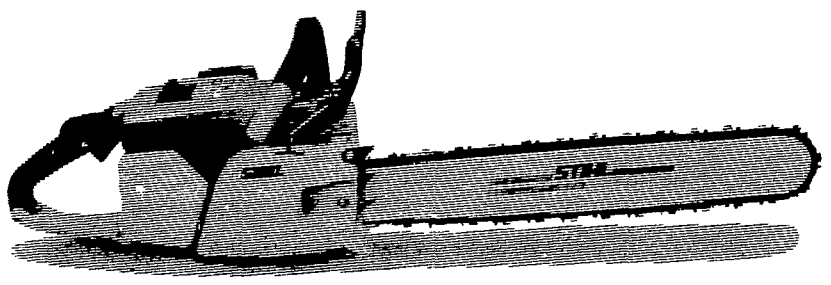

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Vegetable conference begins Jan. 31

It's getting harder to squeeze profits out of vegetables

Vegetables are Donaid Rowe's business, whether during the peak growing season or comparatively slow Winter months. With storage facilities designed to cool during the Summer and heat during the Winter, the Rowes can handle produce the year around. Every Wednesday and Saturday they load a truck bound for Broomall, near Philadelphia, where second and third generation customers fancy their products.

By DIETER KRIEG

STRABURG - Vegetable farming is no different from other agricultural ventures when it comes to the challenge of making a profit.

Paul Rowe, outgoing president of the Pennsylvania Vegetable Growers Association, has raised and marketed vegetables for 33 years and has witnessed some definite trends.

With costs in recent years having risen dramatically, and profit margins fading, the vegetable farmer has had to find ways of streamlining his operation from field to sales station. "Today, with the price of specialized equipment, you can't grow every item. Either you get larger in certain items, or you get out," says Rowe, owner of a 100 plus acre farm outside of this Lancaster County town. "We're specialized now because we've found that there are some items we can grow to our advantage, and others that we can buy to our advantage," the retiring farmer noted.

Vegetable farming, with all its risks and labor demands, isn't a business which brings in the top dollars, Rowe continued. "If you're in it to make the top dollar, you might as well get into something else. In here you get a special satisfaction; the love of your work and seeing your accomplishments," Rowe said in a grandfatherly manner. "We enjoy it; there's nothing we enjoy more," he exclaimed. His eyes and honest face reflected the fulfillment and delight he has found in his work, despite the pressures of a continuing economic squeeze.

"Some of our costs have gone up way out of proportion, compared to what we're getting for our produce," the vegetable farmer continued to explain. Fertilizer, farm equipment, and fuel oil have been major costs.

The challenge of eroding profit margins is being met by vegetable farmers through increased efficiency. Specialization is one route the farmers have taken. Better plant breeding has helped. In greenhouses,

(Turn to Page 81)

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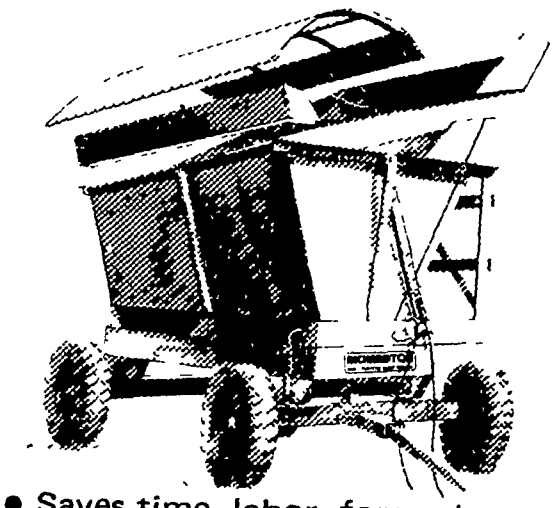

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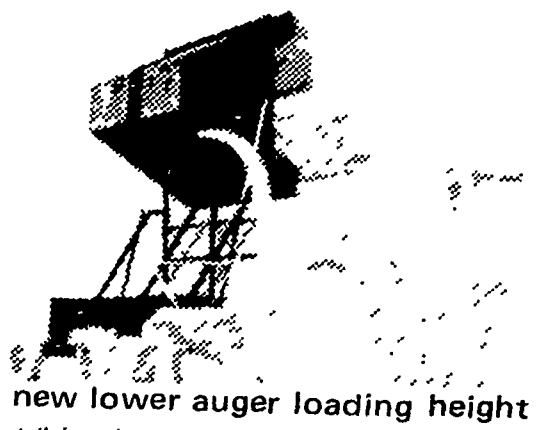

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Estate plan seminar set

CARLISLE -- The Cooperative Extension Service of Penn State has scheduled a seminar for professionals who work with farmers in the formulation of their estate plans, to be held at "The Embers", Carlisle, on January 6, 1978, beginning at 9:30 a.m.

The program is designed to assist attorneys, bankers, and trust officers, accountants, and insurance agents by providing guidelines and case studies on solving farm estate planning problems. Fred A. Hughes, Extension farm management specialist of Penn State will discuss farmers' assets and liquidity problems, and farm transfer arrangements. Farm real estate valuation for estate planning will be presented by Clifford L. Orbaker, specialist in farm and agricultural valuation, Doylestown. Howell C. Mette, practicing attorney and adjunct professor, Dickinson School of Law, Carlisle, will present two farm estate situations for analysis and will discuss the legal implications. The tax implications and procedures in these case studies will be outlined by Thomas C. Wetzel, tax partner of Boyer and Ritter, Camp Hill, and Evan C. Frey, vice president, Trust Development, Dauphin Deposit Trust Company, Harrisburg will discuss the use of trust in these farm estate plans.

Registrations with a registration fee of $20.00 payable to the Extension Service Special Fund should be lodged with Roland P. Freund, 1100 Claremont Road, Carlisle, or phone 717-249-7220 before January 3, 1978.

The seminar is also sponsored by the Central Pennsylvania Estate Planning Association, The York County Estate Planning Council, the Cumberland County Bar Association, The Franklin County Bar Association and The Adams County Bar Association.

Pa. potato stocks down

HARRISBURG - Stocks of potatoes held in storage in Pennsylvania by growers, local dealers and processors on December 1 are estimated at 4,500,000 cwt., according to the Pennsylvania Crop Reporting Service. The stocks are five per cent less than the December 1, 1976 revised figure.

Stocks being held represent 71 per cent of the state's revised fall potato production estimate. Pennsylvania stocks at this time last year amounted to 67 per cent of the 1976 production.

Pennsylvania fall potato production is now estimated at 6,375,000 cwt., eleven per cent below 1976 production levels. This averages out to 250 cwt. per acre on the 25,500 acres harvested in the commonwealth this fall.

In the eight eastern states, December 1 stocks of potatoes totaled 34.9 million cwt., up seven per cent from 32.6 million cwt. on hand last year.

Stocks of potatoes for all uses held in storage by growers, local dealers and processors in all U.S. fall production areas totaled 205.3 million cwt. on December 1. This is 3.4 million cwt. above the 202.0 million cwt. on hand a year ago, an increase of two per cent.

Due to extremely wet conditions during potato harvest in the northeast region of the U.S., there is a major concern about the condition of potatoes in storage in the region. Shrinking and grading losses are expected to be above normal this season.

However, the storage condition of stocks in Pennsylvania are good to variable for table stock potatoes.

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Pred. Diff '74 +791M +.02% +31F
Repty. 97%; Dollar Diff. +$79

HFA Type Summary (October 1977)

	Actual	Age Adj
126 Cl Dtrs Avg	80 4	81 0
126 Dtrs w/5 Hm	80 4	81 0
91 Dams w/5 Hm	80 8	80 1

PDT (Repty. 90%) +0.48 TPI +192

Sire CARNATION MILLION HEIR 1507983
Dam CARNATION POLY DELIGHT 6137658

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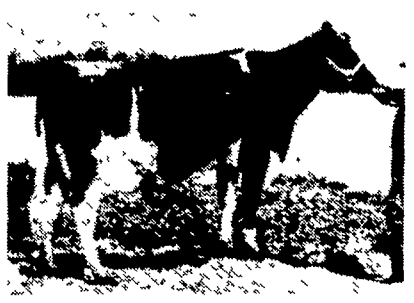
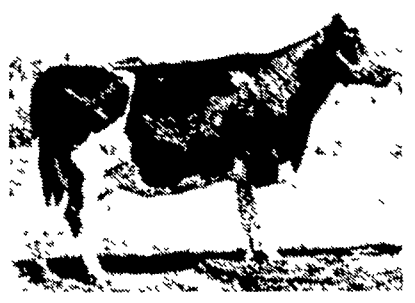


MELDORIE MILLION DOLLAR (VG 87) Dtr
4 10 351d 21337M 3 7% 780F
Owner Melvin Ott, Marshfield Wis



GRADE - MARSHA (Dtr)
4 1 327d 17479M 4 2% 730F
Owner Rollyn Sohr, Gillett, Wis

GRADE BABE (Dtr)
3 1 319d 15223M 4 1% 624F
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LIFE on the farm

By Dieter Krieg

Life on the farm offers rewards and satisfactions which can't easily be found elsewhere

A farmer lives close to Nature and God's creations, which gives him a sense of knowledge, appreciation and respect for the Earth which he would not get anywhere else The endless cycles of birth and death, sprouting and wilting, spring, summer, autumn and winter, never cease to amaze him

Fresh air, Nature's beauty, and the type of work which develops physical capabilities in addition to the mind, is all around him Although the hard work may be burdensome at times, the physical activity is what keeps him agile and healthy The business decisions and problems keep his mind alert

A sense of independence and pride in individual achievement isn't available as often in the non-farm world The farmer usually has these priceless rewards in his work Unlike the assembly-line worker who is often just a "cog" in a "big machine," the farmer is "the machine." He makes the decisions and follows his own plans He's his own boss and when his products go to market he can be proud of his accomplishments

A farmer is at home while he's working His wife and children are always nearby And what better place is there to raise a family?

Exercise, stimulating surroundings, fresh air, pets, and the chance to learn the meaning of responsibility are all offered on the farm

Certainly, farm life still leaves a few things to be desired, such as little or no time off, comparatively long hours, meager profit margins, and in general a "looked down upon" attitude by much of society

But if a farmer can make it financially, chances are he's in no mood to trade his way of life for that of the suburbanite who only works from eight to five, five days a week

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Runaway railroad cars and $18/ton feed marked beginning of farmers' cooperative

By JOANNE SPAHR

LANCASTER – The afternoon was running smoothly at the warehouse that day. Two boxcars full of feed were swiftly being unloaded onto the platform and three more were parked temporarily on the nearby siding.

Midst the hustle and bustle of work, a tall, slender man emerged from the warehouse and intently headed up the hill to the sided cars.

Crawling up the side of the first one, he stationed himself on the footbar and looked out over the roof at the activity before him.

Seeing that no one was in his path, he released the brake wheel and confidently rode along as the three weighty wheeled boxes steadily rolled down the incline to the warehouse door.

Judging his distance from the building, he changed position to wind up the brake wheel, when, much to his astonishment and fright, he found that the brake was faulty. Instead of slowing down, the three 20-ton cars were quickly picking up momentum. As the building came closer and closer, the man frantically tried to work the brake, but to no avail.

In a matter of minutes, the heavy boxcars smacked solidly into the two near the warehouse, shoving them five or six feet, and ramming their iron unloading plates into the side of the building.

The whole time, the unwitting warehouse manager

(Turn to Page 72)

Unloading feed from freight cars was a fact of life in the early years of farmers' cooperatives.

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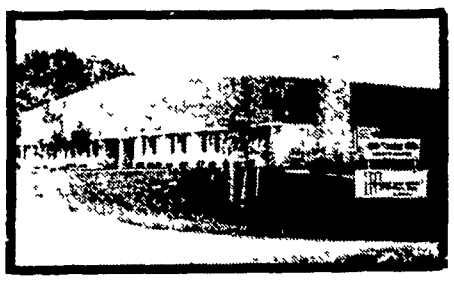

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Report explains differences between consumer/producer costs

WASHINGTON, D.C. – The farmer's share of what the consumer pays for a pound of choice beef is about half the cost of the cut. For a can of frozen orange juice, a third. For a loaf of white bread, only 12 per cent.

Differences between what the consumer pays and the farmer receives–the farm-to-retail price spread–thus vary widely by food item. These differences reflect what happens to various food products between the farm and the grocery checkout counter.

A new report, released this month by USDA's Economic Research Service, examines cost components–processing, packaging, transportation, and instore handling costs–that made up the farm-to-retail price spread for 16 major food items in 1975. Although retail prices and production and marketing costs have changed since then, the relationships between cost components haven't changed drastically.

The farm-retail spread is relatively low for beef because the processing function-mainly slaughtering–is relatively simple and inexpensive. Also, transportation costs are low relative to the value of the product.

But for bread, processing involves mixing, baking, slicing, and wrapping, and costs for these functions are substantially higher than the value of the wheat, oil, eggs, and other farm ingredients in the bread. Transportation costs are relatively high because they include the salary of the truck driver whose work also involves stocking the store's bread shelves.

Processing and packaging costs are also fairly complex for frozen orange juice. But the cost of the supermarket's refrigerated display case also contributes significantly to the difference between what the consumer pays and what the Florida producer receives.

The ERS report also examines how in-store handling costs break down as a share of food prices. In 1975, labor costs averaged about half of the retailing margin for the food items studied, while rent made up only seven per cent.

Single copies of "Cost Components of Farm-Retail Price Spreads," Agricultural Economic Report No. 391, are available free on mail request (please include zip code) from Publications Service, U.S Department of Agriculture, Room 0054-South Building, Washington, D.C. 20250, or by telephone request (202-447-7255).

Course on grain crops available now

UNIVERSITY PARK - Penn State University is offering a correspondence course on grain crops and an accompanying 1978 agronomy guide to Pennsylvania farmers.

Dr. Robert P. Pfeifer, associate professor of plant breeding, includes information in the course on uses and importance of the most common cereals or grains, including corn, wheat, oats, barley, soybeans, and rye. Methods of seeding, harvesting, storage, and marketing are given. Pennsylvania's 1977 commercial hybrid corn tests report is included as well as a listing of pesticides, herbicides, insecticides, and fumigants for various crops.

Particular attention is given in the course to improved varieties, seed selection, and care, methods of seedbed preparation and fertilization. The author also discusses adaptation of seeds to soil conditions and the effect of climate on yields.

The course is available for $4.50, from Penn State. To order, write "Grain crops," Box 5000, University Park, 16802. Make checks payable to Penn State.

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Here's timely tax advice on offices in the home If you plan to take a tax deduction for an office in the home, you should be prepared to substantiate, among other things, that it was used regularly and exclusively for the convenience of your employer Congress, IRS and the courts have all grown so strict on this, that the employees, the deduction is virtually elimited.

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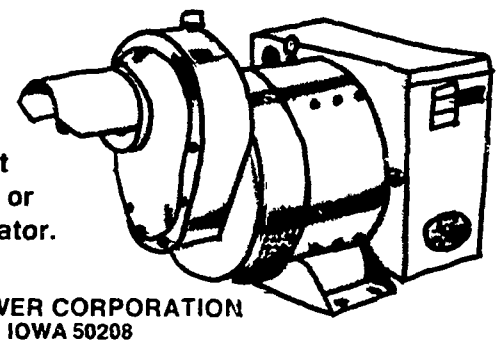

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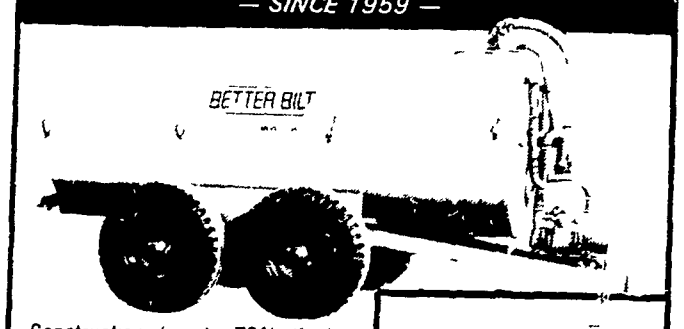

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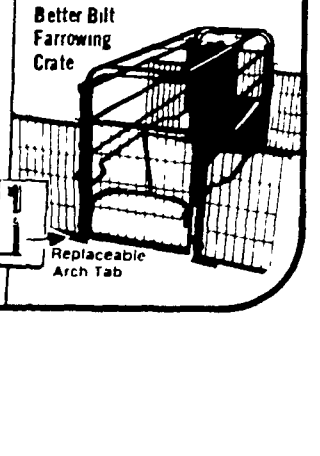

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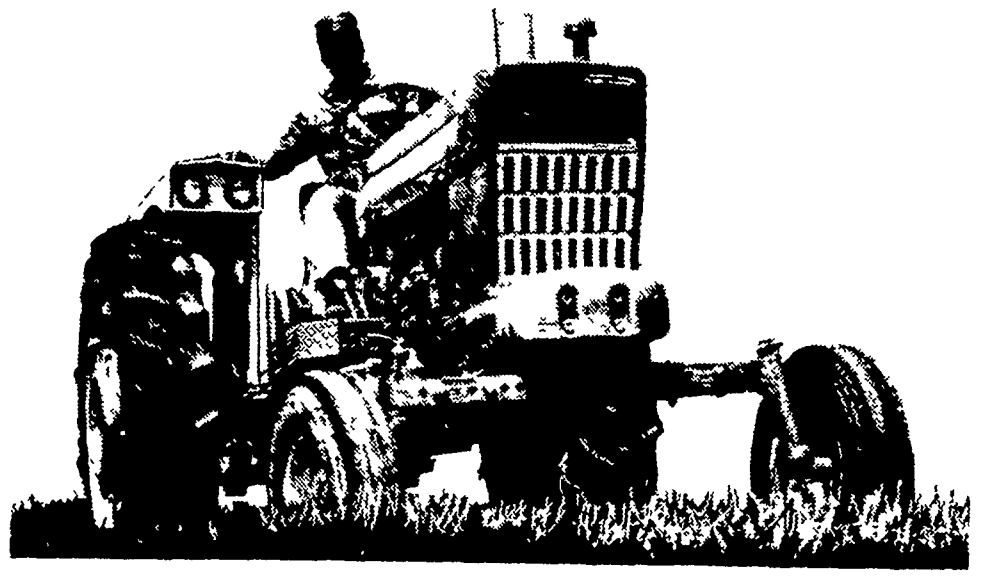

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Pa. Farm Show recommended in N.J.

New Jersey agriculturalists like the Pennsylvania Farm Show and are even organizing chartered bus transportation, according to a news release sent to **Lancaster Farming** by the Hunterdon County Extension Service.

Hunterdon County is located just across the Delaware River, and therefore isn't too distant from either Pennsylvania agriculture or its annual extravaganza in Harrisburg.

Following is what Senior County Agent Calvin Wettstein has to say about the Farm Show. Transportation information for New Jersey folks can be found near the end of the article.

A Farm Show, indeed! The 62nd Pennsylvania State Farm Show is slated to open on Monday, January 9, at 8 a.m., and will be open through Friday, daily 8 a.m. to 9 p.m., except Friday, 'til 4 p.m.

Pennsylvania Agriculture goes on exhibit with vast machinery and equipment displays, farm products, just about any type of livestock you can think of.

If you've never been there, it's an experience you won't easily forget. For anyone with a feeling for agriculture, the land, and farmers, it's impressive.

If there's a problem associated with Farm Show, it's weather. It always seems to snow sometime during Farm Show week. But, the roads to Harrisburg are good, and except for an ice storm or heavy blizzard, it's good going.

The buildings are vast. The main exhibit area, the large and small arenas all well heated. The livestock barns may be chilly to some, but not really uncomfortable.

The latest farm equipment, mammoth tractors, plows, tillage, harvesting equipment are on exhibit Livestock handling systems, milking, feeding equipment are displayed. Seed companies have representatives at their stands ready to give you a pitch.

The two arenas are occupied most of the week with a variety of livestock competitions, sales, and contests. We have a copy of the program of swine, 6 breeds of dairy cattle, 5 breeds of beef cattle. Big draft horses are shown: Belgians, Clydesdales, Percherons, and Grades. There are horse pulling contests and a six-horse hitch demonstration scheduled (Wednesday afternoon/evening).

Bus to Farm Show

If you'd prefer not to drive, you could take the bus. A chartered bus will leave the Hunterdon Extension Center at 7 a.m. on Monday, the 9th and 7:20 from Clinton A & P parking lot. Sponsored tradition in the county. The Ag board decided to schedule the trip in '78, making transportation available to anyone interested. The fare is $7 50. Reservations are a must!

Monday's schedule includes, in addition to machinery, equipment, produce, and livestock displays: judging of sheep, swine, Ayrshire and Guernsey cattle, Belgian, and Clydesdale horses, Christmas Tree Contest, and more.

If interested, call the Hunterdon County Extension Service by January 5. Sooner, the better. (782-4300, Ext. 338).

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Bankrupt dairy sues Order 2 administrator

NEW YORK, N.Y. – The plan to disburse directly the Producer Settlement Fund credit to producers who delivered milk to Aldovin Dairy, Inc. (one of the G.S.F. associated corporations) during the month of September 1977 has been delayed by a court order, according to Market Administrator Thomas A. Wilson.

Wilson stated that computations had been made of the pro rata amount of the Producer Settlement Fund credit due each of the delivering producers and it was intended that these checks be prepared and mailed out this month.

On December 15, 1977, the Market Administrator was served with a summons, complaint and temporary restraining order by David P. Michaels, receiver for the G.S.F. Corporation and its associated corporations. These corporations have filed a petition seeking the protection of Chapter XI of the bankruptcy act. The receiver has taken the position that these monies belong to the estate of the bankrupt, and accordingly, the temporary restraining order prohibited the market administrator from paying over this money to the producers.

Wilson explained that normally this money would be sent to handlers for distribution to producers; however, the handler had failed to pay its producers and had sought the protection of the bankruptcy act. Therefore, the market administrator was required to distribute these monies to the individual producers involved.

This matter is presently scheduled for hearing before the Bankruptcy Court on January 10, 1978. Wilson added that although the total amount of the credit was relatively small when compared with the total unpaid balances due producers from this handler, he will do everything in his power to protect the rights of the affected producers and to expedite the resolution of this issue.

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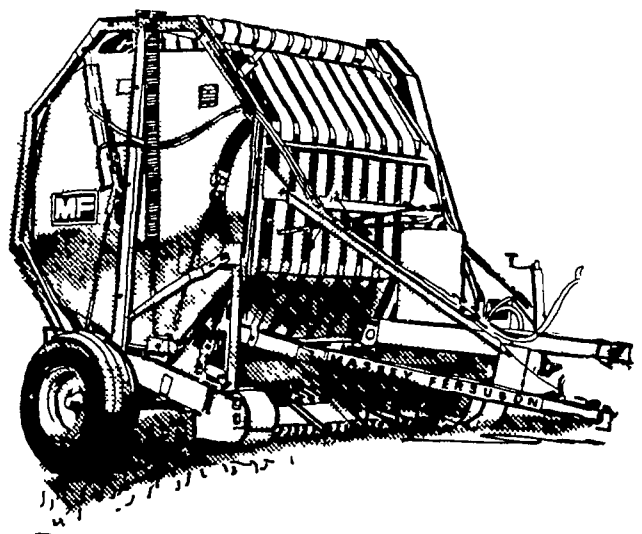

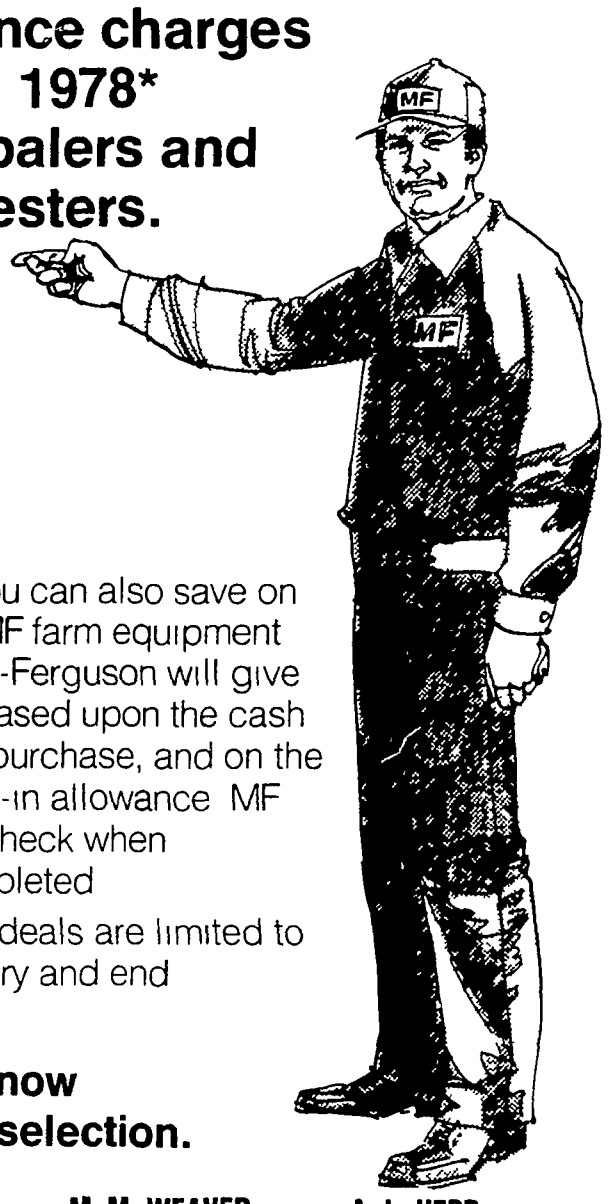

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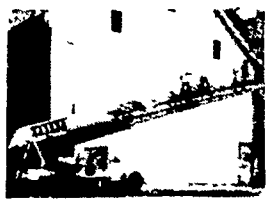

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Farmers' cooperative

(Continued from Page 69)

hung onto the wheel for dear life, legs flying in the air, and a horrified scowl on his face.

Does that sound like something out of a Charlie Chaplin or Laurel and Hardy movie? Even though it may, it's not. It was the real life experience of Earl Groff, 1410 W. Roseville Road, Lancaster, who back in 1940 was the manager of the Lancaster warehouse for Eastern States Farmers Cooperative, one of the parent organizations of today's Agway, Inc.

Now, fully 37 years later, Groff found out at a reunion of Eastern States representatives, recently, that he may never live that story down.

But, according to anecdotes told by each of the representatives, Groff's incident was not the exception, but more-or-less the rule of the day when feed, seed and fertilizer distribution depended totally on railroad freight transportation.

For the "younger generation" who have grown up accustomed to cooperative stores and bulk delivery, the concept of depending on the railroad for bags of feed is something new.

But, during the days of the Depression and World War II up to the 1960's, it was a way of life for farmers.

"Eastern States used to ship grain from the West," explained Stephen Kurtz, who was a representative for the company in Morgantown, and who is now the assistant manager of the Agway store in New Holland. Continuing his narrative, he said, "And, after shipment from the West, the grain was milled at the regional mill in Buffalo, N.Y."

After the feed was prepared, it was shipped via railroad boxcar to the company's representatives in New England, Pennsylvania, Delaware, and parts of Maryland. It was at these railroad stations that business was done, with farmers coming from the neighboring communities to pick up their feed.

The schedules for the various "stations" was different, depending on the needs of the farmers in the area. For instance, a typical schedule for the early years of Eastern States might have been two carloads of feed at a station every two weeks. But, it was the goal of each representative to increase his number of tons, and along with that, the number of cars.

For instance, John Melhorn, the representative from the Mount Joy station, proudly states that at one point he had six carloads of feed coming into his station every other week. At times he even hit a high of as many as seven or eight cars.

"That was a heavy station," acknowledges LaVerne S. Pownall, Quarryville, who retired from business recently after nearly four decades with farmers cooperatives.

Pownall, who started out with Eastern States in 1939 as a manager of what was then the "new" Quarryville store, and who eventually became fieldman for Lancaster, Lebanon, and Dauphin Counties, noted that back in the years of Eastern States, the feed was all handled in bags in the railroad cars.

"The growth of Eastern States really shows you the changes in agriculture over the years," he noted. "We went from the big regional mills such as the one at Buffalo, to stores, and then to smaller mills like the one

(Turn to Page 73)

Donald S. Keller, left, and Earl Groff, right, are two representatives who recollect the early days of Eastern States Farmers' Cooperative.

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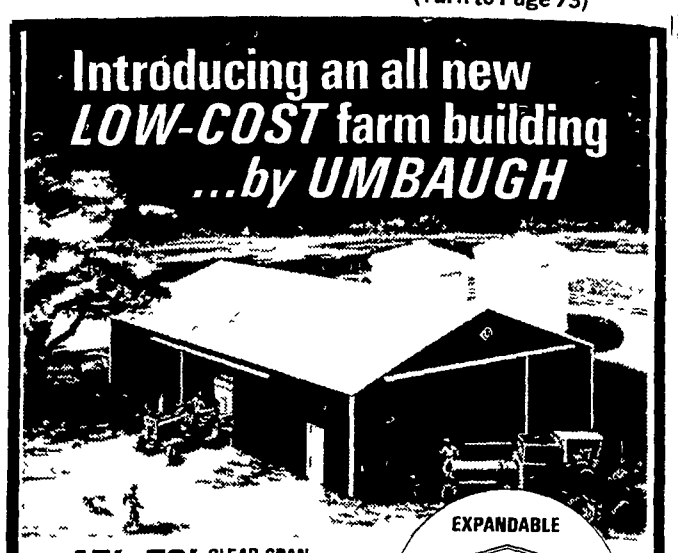

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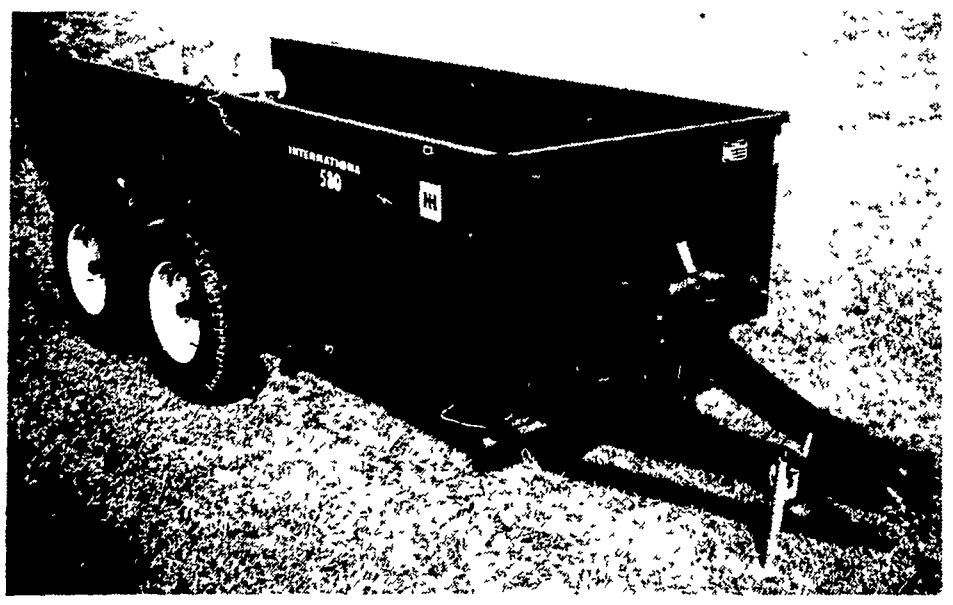

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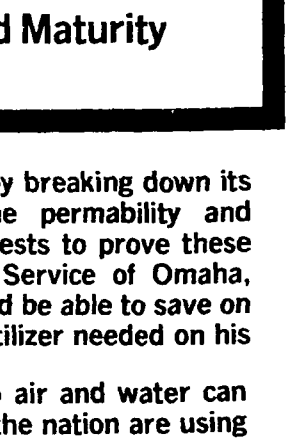

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Farmers' cooperative

(Continued from Page 72)

at Manheim and Gettysburg."

The final step in the feed business came shortly after the merger of Eastern States with the Grange League Federation and the Pennsylvania Farm Bureau in 1964 and 1965. This was the birth of Agway, and it was in the 60's that the trasition to bulk feeding was made.

At this point in time, few people remember the cumbersome work of loading and unloading bags of feed off a railroad car, but Enos Buckwalter, Jr., Lancaster, an assistant to his father at the Bird-In-Hand station, surely does.

"It seemed to me that all the orders you wanted first were always in the back of the car," he stated with a laugh. "Now, all you do is deliver in bulk and blow the feed to where it belongs," he added wistfully.

But, none of the local representatives of Eastern States, many of whom have stayed on with Agway, want to really forget the "old days." They were good times which served up many fond memories.

As an example, reminiscing about his first big order, Joe Martin, Lebanon, told how he spent a half day with his customer figuring out a fertilizer and Spring seed order. After the work was completed, he found he had a $2000 order on his hands, quite remarkable for a young farm boy on his first job.

However, there was a catch. As he went to leave, the farmer offered him dinner, which he refused out of shyness, and to Martin's surprise the farmer replied, "Well, it's up to you – no dinner, no order." Needless to say, he stayed.

Then, too, there was the annual trip to the regional mill at Buffalo in which as many as 16 cars of farmers made a convoy, with the hopes of seeing Watkins Glen, Niagara Falls, and several other sites. Of course, the biggest thrill was the feed mill which churned out over 100 carloads of feed per day from 1945 to 1953.

"That was quite a vacation for the farmers," noted Pownall, "we could get good motels up there $3 to $4 per night."

And for other Eastern States representatives, there are memories of distributing feed in wartime years, unloading waterlogged 100 pound bags of feed after freight cars got stuck in floods, and waiting on snowed in trains.

Donald Keller, former head of feed distribution in the West Springfield office remembers something even more outstanding. He recalls the time dairy feed sold for $18 per ton and the best poultry feed was $1.23 per bag.

These memories all point up to one thing – times have changed, and with them, so has agriculture. And, keeping right up with the change in farming has been the farmers cooperative.

Scenes like this were frequent at the various railroad stations when the feed arrived from the regional mill at Buffalo, N.Y.

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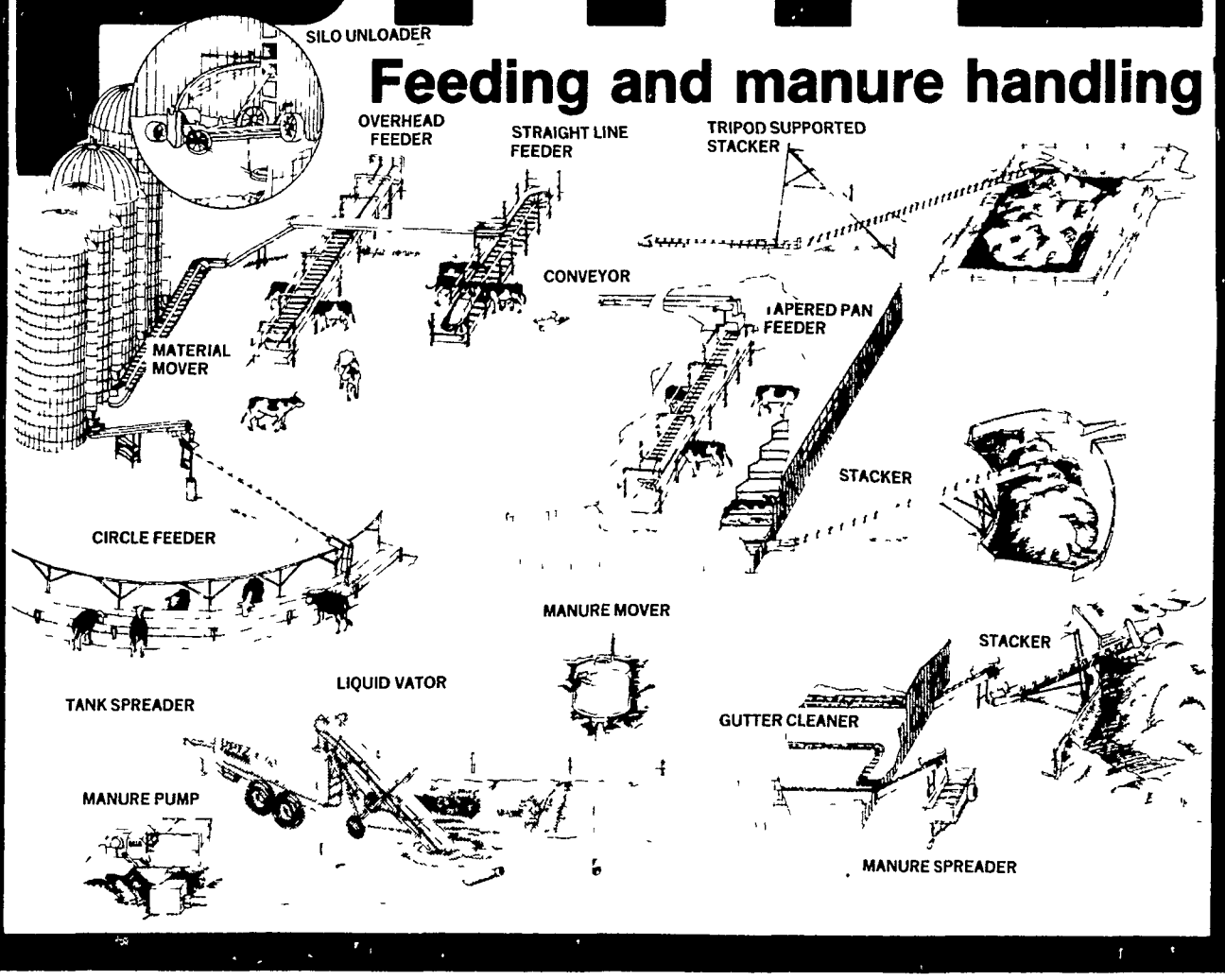

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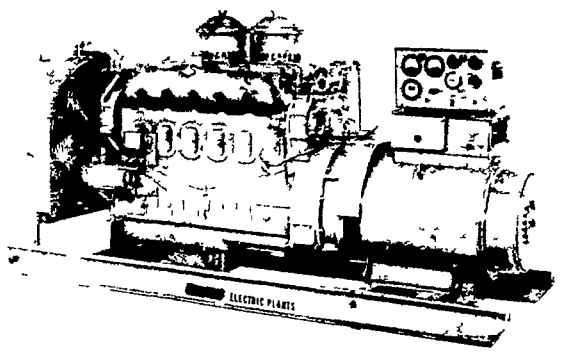

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Brother and sister take Leb. 4-H livestock show

By JOANNE SPAHR

LEBANON – A brother-sister duo walked away with the two grand championship titles of the Lebanon County Winter 4-H livestock show and sale held Tuesday at the fairgrounds, here.

Bonnie Arnold, the 15-year-old daughter of Mr and Mrs. Leon Arnold, Lebanon R7, showed her 1260 pound Charolais/Angus crossbred "Snuffy" to the title of the steer show, and her younger brother Tommy, 14, exhibited the heavyweight Duroc which went to the top of the swine show.

Out of the 54 market hogs entered in the 4-H show, Tommy Arnold's home bred 246 pound Duroc caught the eye of judge Mark Nestleroth, Dutch Valley Farm, Manheim R5. Nestleroth preferred the animal because of its length of body and the adequate muscling down the top and through the ham.

A six-year veteran of swine showing, this is Arnold's second major win of his career In the Spring of 1976 he showed the grand champion open gilt of the state Duroc show held at the Lebanon Fairgrounds.

Although his father raises Yorkshires, Tommy says he prefers Durocs and has been raising them ever since his uncle purchased a sow for him when he was eight years old.

Along with Tommy's grand championship, he also exhibited hogs which were chosen to go to Farm Show competition. He will be entering one Yorkshire and one Duroc for competition on the Thursday of the infamous week.

Tommy will also be taking his 4-H steer project to Harrisburg in January just as he has done for the past three years. Saying he likes the competition, Tommy states that he is looking forward to the Farm Show.

At Tuesday's sale, Arnold's grand champ sold for $1.70 per pound to Mark C. Hershey Farm, Lebanon R5. At 246 pounds, the 14-year-old showman earned $418.20 for that animal at that sale.

In showing and fitting contests Arnold was named champion beef showman and reserve champion swine showman and fitter.

In a much smaller show of eight 4-H baby beeves and three buddy steers, Bonnie Arnold took one step up from her last year's reserve champion winnings to earn the grand championship title.

Her heavyweight steer was bred by Dr. Harold Marshall, of Zion, Pa., and brought 80 cents per pound during Tuesday's sale. Lebanon Valley National Bank, Lebanon, the buyer of the 1976 champ, increased last year's bid by 20 cents to again take home the top 4-H steer.

Miss Arnold has a list of show winnings to her credit including grand champion 4-H showman at the Lebanon Fair, reserve champion 4-H steer at 1976 roundup, and reserve champion hog at the Lebanon Fair several years ago. She has been a member of the Lebanon County 4-H livestock club for six years, showing three steers in her career as well as hogs each year.

The money she earned from her top ranking steer will go into the bank for her college education.

Taking the reserve champion in the steer show was a 1170 pound Charolais/Angus crossbred named "Wooly." "Wooly" was shown by Danita Layser, Myerstown R1, the 12-year-old daughter of Mr. and Mrs. Gordon Layser. Miss Layser comes from a 70-acre Charolais breeding farm which her father operates along with a jewelry store in Myerstown.

Only showing for her second year, Miss Layser was pleased with her placing, and went on to be named the champion fitter of the 4-H beef show.

Her steer sold to John Anspach, Lebanon County commissioner, and Henry Arnold, Active Line Realty, Lebanon, for 71 cents per pound.

Taking this year's reserve champion market hog title was an animal shown by Jay Bomgardner, Annville R3, who exhibited last year's champion steer.

Bomgardner's hog was a purebred Hampshire which weighed in at 200 pounds and was home bred. Bomgardner also has two other purebred Hamps which will be going to farm show as well as his Hereford/Simmental 4-H steer.

Rounding out his titles for the 4-H roundup, Bomgardner was also named champion swine showman and reserve champion beef showman and fitter.

His reserve champion sold for 70 cents per pound to Hatfield Packing Company, Hatfield, Pa.

Following the type judging, the swine and beef sales were held. A total of 11 head of steers averaged 1191 pounds, and sold for an average price of 56.97. Without the 4-H champions, the sale of 4-H animals averaged 52.62. The total amount for the 11 head was $7,463.26.

The swine sale averaged

(Turn to Page 79)

Bonnie Arnold, Lebanon R7, showed the grand champion steer of the Lebanon County 4-H livestock show and sale. Standing with her is John Gerdes, vice president of the Lebanon Valley National Bank, the firm which purchased the animal for 80 cents per pound.

In her second year of 4-H, Danita Layser garnered a champion title when her Charolais/Angus crossbred was named reserve champion of the Lebanon County 4-H beef show on Tuesday.

Tommy Arnold, 14, showed the grand champion market hog of the Lebanon County 4-H livestock show and sale The heavyweight animal sold for $1.70 per pound to Mark C Hershey, Lebanon R5

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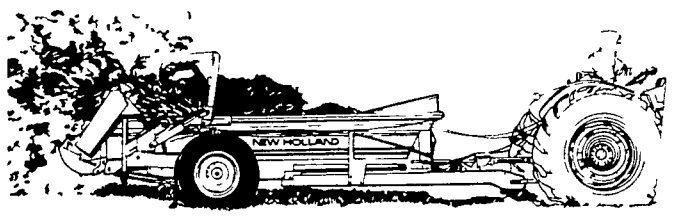

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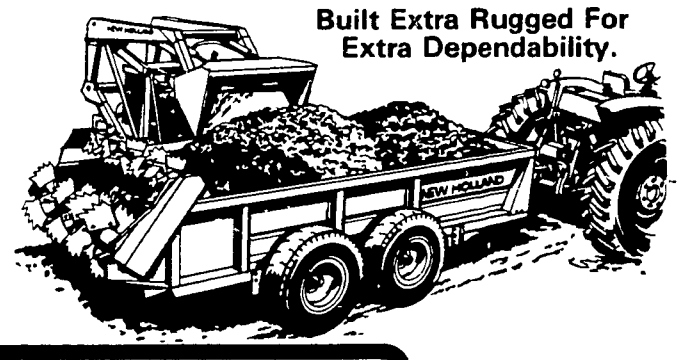
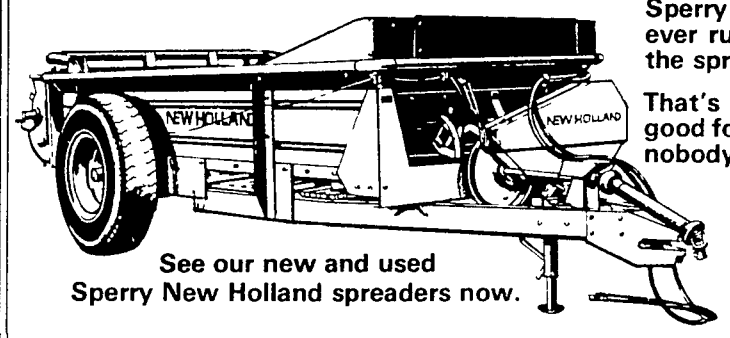


WHO GIVES YOU NEW SIDES FREE ON A USED SPREADER?



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Sperry New Holland STRONG-BOXES The Name Says It All

See your Sperry New Holland dealer listed on the facing page. He'll help you select the model best suited to your farm operation!

SPERRY NEW HOLLAND

Now is the time

(Continued from Page 10)

done from now until March; most trees are dormant by this time, when they can be pruned or transplanted. Trees that are getting too large, or have been damaged by wind, or other means, can be pruned and shaped as desired. As weather permits and considering the frozen condition of the ground, trees can be safely moved from now until they start to push buds next April. However, with evergreens it might be better to wait until March and April to do the transplanting. Some folks who are using "balled" Christmas trees will put them out soon after Christmas Day; this is satisfactory as long as they are kept well watered during warm weather for the remainder of the winter.

CHECK HEALTH RECORDS

Strict sanitation in managing any livestock or poultry enterprise is still very much needed. We refer to the purchase of new animals as well as the travel to and from public livestock places. Our Extension veterinarians at Penn State continue to stress the need of health papers with every purchase and segregation for a 30-day period. Many livestock and dairy producers have bought diseases and bought them into their home herds.

This should not be the experience, if proper health restrictions are followed. Footwear used in a public place of livestock should not be the same as worn in the barn or feedlot, unless careful cleaning and disinfection has taken place. The proper cleaning and scrubbing before disinfecting is very important in order to keep the premises or equipment clean and free from infection. Stray animals and birds should be kept from barns and feed bunks as much as possible. Good sanitation practices are fundamental in any livestock or poultry business.

TO PLACE SEED ORDERS

It hardly seems time to be thinking about the 1978 growing season, but actually in less than 8 weeks the alfalfa and red clover producers will be broadcasting their seeds. However, before this can be done, the seed has to be ordered and on hand. Therefore, if seed orders have not been placed, it is not too soon to get this job done. Many growers have special varieties that do best on their farm; this is the variety that should be ordered in time to get what you want. Delayed orders may mean having to take what is left.

TO USE FARM RECORDS

All that work in keeping a good set of farm accounts, or in paying someone else to keep them, should not be only for tax reporting services. These records are valuable in making future plans and in making major decisions. I'd suggest that time be spent in the next several weeks evaluating the farm records to determine where the loop holes might be, and in what area to expand. Good records should furnish this information and reveal where the most profit is made. Don't turn farm records over to the public accountant and forget about them. They are a useful tool in good farm planning.

TO ENFORCE SANITARY PRACTICES

With larger herds and flocks in this densely populated part of the country, the spread of diseases and infections can be accelerated by careless sanitation practices. In nearly all species of farm animals and birds, we have existing infections that are easily spread by man or beast. We urge producers to be extremely careful about buying infection, or bringing it home on their footwear or equipment. Visitors should be kept out of buildings unless strong disinfectants are used. Wild birds and animals must be regarded as possible sources of major infections. Producers are urged to manage carefully and with strict sanitation practices.

TO SPREAD MANURE CAREFULLY

To spread manure on frozen ground, or on top of snow, is inviting trouble from a water pollution standpoint. If this occurs in a built-up section of the area, no doubt the farmer will be reported by an interested ecologist. This often brings a representative of DER (Department of Environmental Resources), who will make an investigation relating to the extent of water pollution. The best way to avoid this trying experience is not to give local non-farmers a reason to report the practice. I realize this might mean some storage problems, but the effort should be made not to be the cause of a stream pollution citation.

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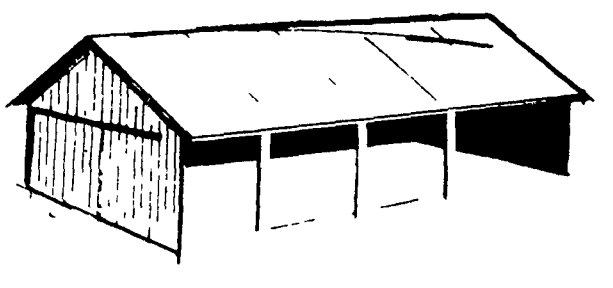

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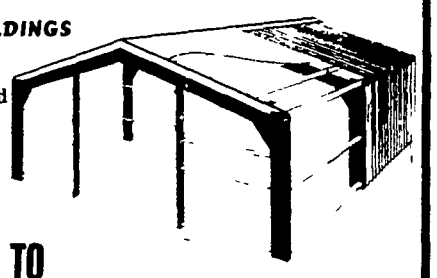

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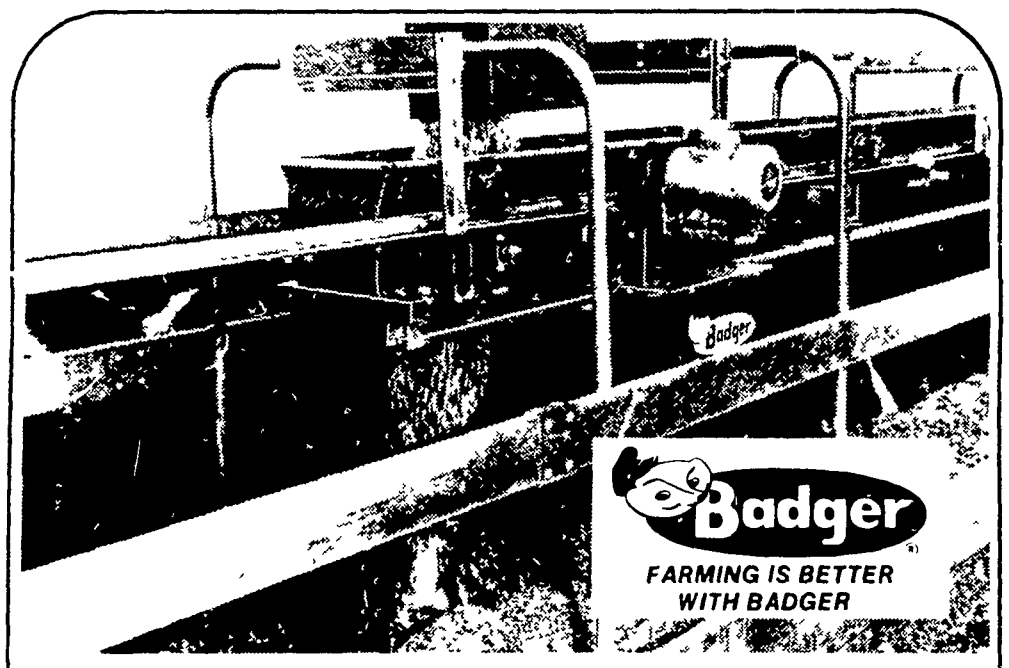

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Reasearch aids mushroom production

UNIVERSITY PARK - Research to improve the growing of mushrooms has a 52-year history at Penn State. The research plays a major role in perfecting the growth and processing of cultivated mushrooms, according to Dr. Lee C. Schisler, professor of plant pathology at Penn State.

Dr. Schisler said Pennsylvania mushroom growers produce 57 per cent of the nation's crop. Some 10,000 people are employed in the mushroom industry of the Commonwealth. The cash value of their product in 1976-77 was $137,000,000.

The first research facility, a mushroom testing house, was completed in 1928 with funding support from the Mushroom Growers Cooperative Association of Kennett Square, Pa. A new Mushroom Research Center was constructed by the General State Authority of Pennsylvania in 1960. Funds for equipment came from industrial sources. A Mushroom Test-Demonstration Facility, featuring mechanized production and flow-type design, was in operation by 1971.

Development of grain spawn, a quality product used as mushroom "seed", brought significant changes to the mushroom growing industry in the early 1930's. The developer was James W. Sinden of the faculty. Several patents were obtained on the Sinden Grain Spawn Method in 1932 and 1933.

Since then, the spawn laboratory at Penn State has been responsible for over half of the mushroom stock for the nation's spawn plants. Schisler indicated this laboratory has been a significant factor in strain selection and increased yields.

The average commercial yield of mushrooms, in pounds per square foot of bed planted, has increased from 1.5 in the 1940's to 2.9 pounds in 1976-77. Ths increased efficiency can be attributed largely to Penn State's mushroom research and education programs, Schisler affirmed.

As in any unique industry, mushroom growers have faced a series of crises. In the 1960's, cheap labor import products from Formosa brought concentrated efforts by Penn State personnel to improve production methods and to develop additional markets for mushrooms.

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Save hassles next Christmas---store decorations properly

YORK - If you carefully and systematically store holiday decorations, you'll save time, patience, and replacement when another holiday season rolls around. A Joan Lamberson, York County Extension home economist, says you need to protect your decorations from heat, dust, breakage, dampness, insects, and mice.

Remove all fresh plant material from wreaths or swags before storing them because they will crumble and dry, making a cluttered mess. Next Christmas you can replace the evergreens.

You can retain glycerinized plant materials and save them for one year to the next. Cover each decoration with either a plastic or paper bag and hang each on a hook. Because heat dries glycerine-treated foliage, hang these decorations in a cool, dry place–not in the attic where it will get too hot during Summer months. Or store wreaths and other decorations in a large flat cardboard box. Put moth balls or moth crystals in the box to keep mice from bothering nuts, pods, or berries on the decorations.

Store mobiles by hanging when possible. If the mobile is long, slip it into a plastic cleaning bag or take it apart and hang sections of it in shorter bags. Use clothespins to clamp several decorations to one coat hanger.

You can build yourself a dust-free shield for hanging decorations from a large cardboard box turned on its side. Use the flap openings for a door. Make wire hooks from long lengths of wire pushed into the top of the box and twisted to stay in place. Bend the wire inside to form the hooks from which you'll hang decorations. You can make as many hooks as you need or have space for but plan on about five inches of space between each hook. Tape the carton door shut and you have a dust-free storage area.

Here are some additional holiday decorations storage tips:

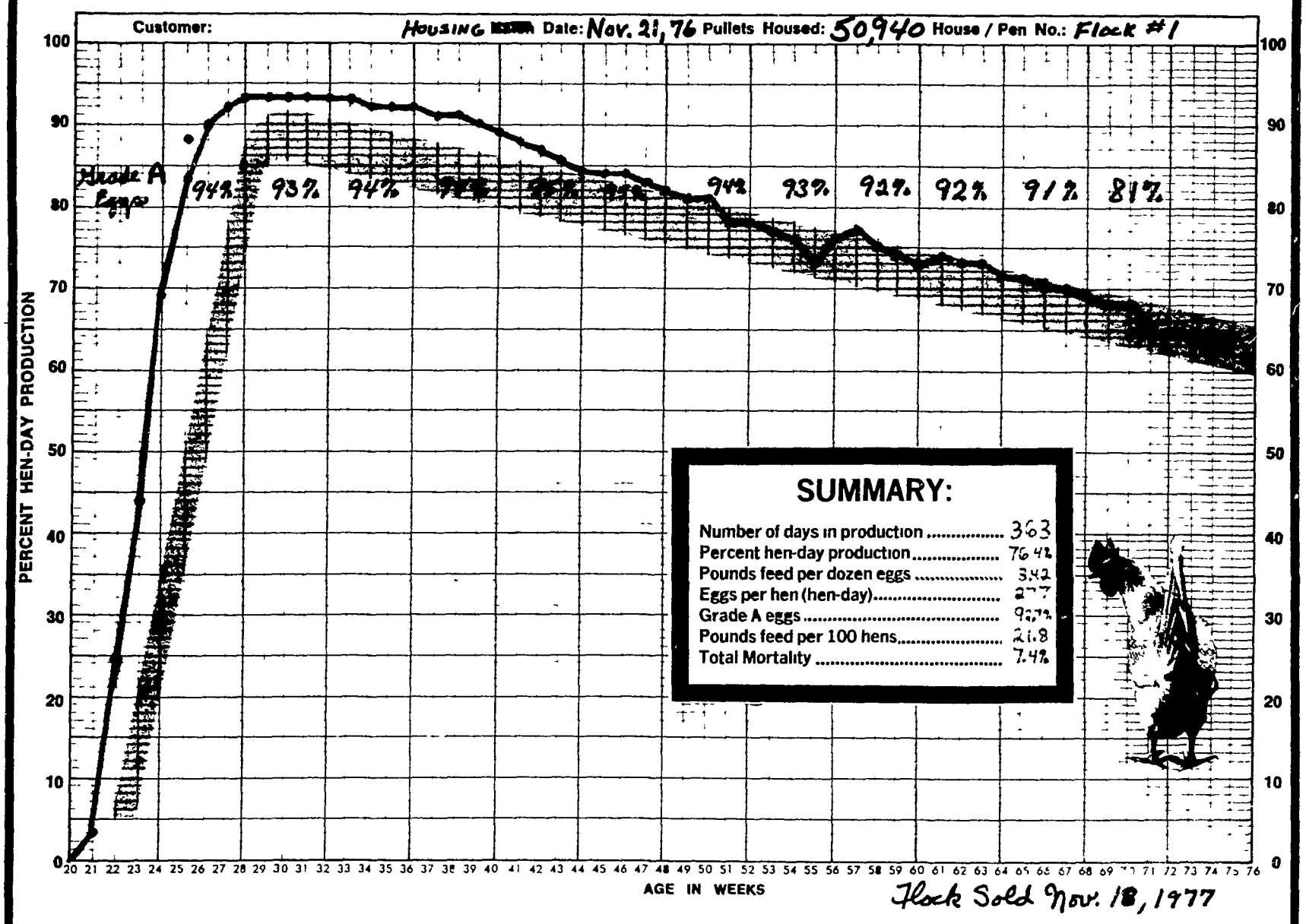
- Put all ribbons in one box, Christmas balls in another.
- Wrap figurines or small accessories individually in tissue paper or newspaper and pack separately with the heavies on the bottom of the storage box.
- Wrap Christmas candles individually in waxed paper or clear food wrap and lay flat in a box. Do not use tissue paper for wrapping candles because the color of some candles will bleen through to leave you with a white candle.
- To prevent hard-to-remove wrinkles in holiday tablecloths, store these table accessories with tissue paper placed between the folds of the cloth.
- You can stiffen up wilted net and tulle decorations by ironing the pieces between sheets of waxed paper on which a damp cloth has been placed before storing it.
- Use a black crayon to label the ends of all storage boxes so you can easily find the decorations next holiday season.

From Bach to rock, the record industry is booming In fact, the October Reader's Digest declares that the record business will take in more money than either movies or television this year - a staggering $2.5 billion Rock rates well over Bach, as it happens, accounting for 60 per cent of total sales

WHY SHAVER FLOCKS MAKE MORE MONEY!

You just can't beat a flock of Shavers. Take a look at this record of 50,000 Shaver layers; the production, the feed conversion, the percentage of grade "A" eggs. We can't give you the profit figures, but you can use your imagination.

(NAME OF FLOCK OWNER WITHHELD, BUT AVAILABLE UPON REQUEST)


Customer:
Housing Date: Nov. 21, 76 Pullets Housed: 50,940 House / Pen No.: Flock #1
PERCENT HEN-DAY PRODUCTION
AGE IN WEEKS
Grade A Eggs
94% 93% 94% 94% 94% 93% 92% 91% 81%
SUMMARY:
Number of days in production 363
Percent hen-day production 76.4%
Pounds feed per dozen eggs 3.42
Eggs per hen (hen-day) 277
Grade A eggs 90.7%
Pounds feed per 100 hens 21.8
Total Mortality 7.4%
Flock Sold Nov. 18, 1977

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Round Confinement Feeders

A new series of round confinement feeders offering a choice of spun stainless steel or heavy galvanized bases has been introduced by Ideal.

Three models - with hopper feed capacities of 5, 11, or 16 bushels - are available with either base. Ideal's 5-year guarantee covers the stainless steel base against rust or corrosion failure.

The new units feature a non-spin design that minimizes feed waste and equipment damage caused by playful hogs. Other features include easy feed flow adjustment from the top of the feeder and positive feed adjustment lock.

Trough diameter is 30 inches for all three capacity models. The 5-bushel units have a 14¼-inch hopper diameter and the two larger units are 27¾ inches in diameter. Height to top of the hopper is 37 inches, 40¾, inches and 53¼ inches respectively for the 5, 11, and 16-bushel models.

For more information, write: Ideal Livestock Equipment, P.O. Box 458, Jefferson, Iowa, U.S.A. 50129

INVESTMENT CREDIT FOR BUSINESS PURCHASES CONTINUED

Here's tax-saving advice about the investment credit The ten percent investment credit for the purchase of equipment used in business – a car, for example – had been scheduled to expire but now has been extended for another five years t you bought equipment for use in business last year, look into it the investment credit

A public service of the Pennsylvania Institute of Certified Public Accountants.

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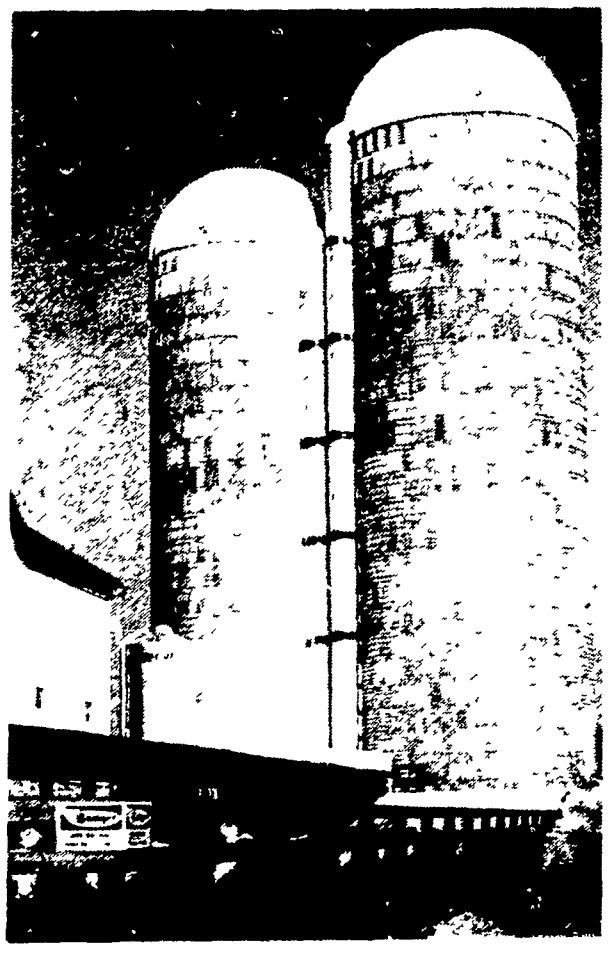

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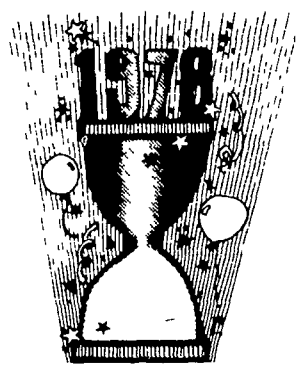

Before time slips away, we'd like to take this time to say, "Have a happy, healthy New Year... each and every single day!"

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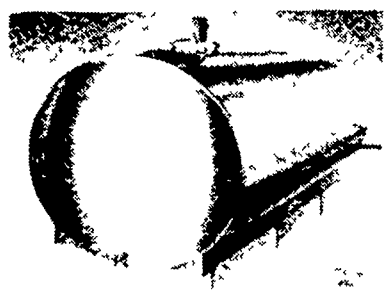

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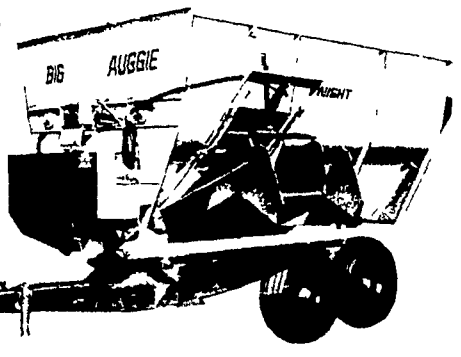

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Brother and sister

(Continued from Page 74)

56.19 without the champions at an average weight of 210 pounds. The total cash intake for 54 head was $6,677.37.

A list of the buyers from the sales includes Penn Jersey Harvestore, Balsbaugh Insurance, Schaefferstown; Ebersole Pontiac, Lebanon; Agway, Lancaster; Agway, Lebanon; Harry Bachman, Annville; People's National Bank, Lebanon; Evergreen Tractor Co., Lebanon; Palmyra Feed and Grain, Palmyra; R. and J. Motors, Lebanon; Pioneer Seeds, Joe Kreider, Lebanon; Schaeffer Lawn and Landscaping, Myerstown; and LeAnn Yorkshires, Lebanon.

Harry Bachman was auctioneer.

A complete list of the show placings follows.

MARKET SWINE SHOW
160-192 pounds

1. Jay Bomgardner, Annville R3; 2. Tom Arnold, Lebanon R7; 3. Tom Arnold, 4. Jodi Kreider, Lebanon R1; 5. Jodi Kreider.

193-200 pounds

1. Jay Bomgardner, (reserve grand champion); 2. Gary Mase, Lebanon R5; 3. Tom Seaman, Grantville R1; 4. Daniel Seaman, Grantville R1; 5. Scott Eckenrode, Rexmont.

201-212 pounds

1. Jodi Kreider, 2. Bonnie Arnold, 3. Tom Seaman, 4. Tom Arnold; 5. Edwin Houser, Lebanon R5.

213-230 pounds

1. Gary Mase, 2. Edwin Houser, 3. Bonnie Arnold, 4. Jodi Kreider, 5. Edwin Houser.

231 pounds and over

1. Tom Arnold, (grand champion); 2. Elaine Houser, Lebanon R5; 3. Marilyn Deaven, Fredericksburg R1; 4. Tom Seaman, 5. Tom Arnold.

SWINE FITTING CONTEST
8, 9, 10 years old

1. Marlin Deaven, 2. Edwin Houser.

11, 12, 13 years old

Jodi Kreider, 2. Mark Deaven, Fredericksburg R1; 3. Scott Eckenrode.

14 years and over

1. Tom Arnold, 2. Jay Bomgardner, 3. Bonnie Arnold.

Champions

Champion fitter - Jodi Kreider; reserve champion fitter - Tom Arnold.

SWINE SHOWMANSHIP CONTEST
8, 9, 10 years old

1. Marlin Deaven, Fredericksburg R1; 2. Edwin Houser.

11, 12, 13 years old

1. Jodi Kreider, 2. Mark Deaven, 3. Scott Eckenrode.

14 years and over

1. Jay Bomgardner, 2. Tom Arnold, 3. Bonnie Arnold.

Champions

Champion showman - Jay Bomgardner; reserve champion showman - Tom Arnold.

MARKET STEER SHOW
Middleweight

1. Dorene Eberly, Newmanstown R1; 2. Edwin Houser.

Light Heavyweight

1. Danita Layser, Myerstown R1; 2. Bryan Eberly, Newmanstown R1; 3. Judy Early, Lebanon.

Heavyweight

1. Bonnie Arnold (grand champion), 2. Paul Miller, Lebanon; 3. Chris Patches, Lebanon R7.

Buddy Steers

1. Jay Bomgardner, 2. Patrick Gerdes, Lebanon; 3. Tom Arnold.

BEEF FITTING CONTEST
8, 9, 10 years old

1. Edwin Houser, 2. Bryan Eberly.

11, 12, 13, years old

1. Danita Layser, 2. Patrick Gerdes, 3. Dorene Eberly, 4. Judy Early.

14 and over

1. Jay Bomgardner, 2. Bonnie Arnold, 3. Tom Arnold, 4. Paul Miller, 5. Chris Patches.

Champions

Champion fitter - Danita Layser; reserve champion fitter - Jay Bomgardner.

BEEF SHOWMANSHIP CONTEST
8, 9, 10 years old

1. Bryan Eberly, 2. Edwin Houser.

11, 12, 13, years old

1. Dorene Eberly, 2. Patrick Gerdes, 3. Danita Layser, 4. Judy Early.

14 years and over

1. Tom Arnold, 2. Jay Bomgardner, 3. Bonnie Arnold, 4. Paul Miller, 5. Chris Patches.

Champions

Grand champion showman - Tom Arnold; reserve champion showman - Jay Bomgardner.

Pa. cattle firm reinstated

NEW YORK, N.Y. – Cattle Sales, Inc., Scenery Hill, Pa., has been reinstated as a registered market agency under the Packers and Stockyards Act, U.S. Department of Agriculture officials say.

The firm does business as Scenery Hill Stockyard. Its trade territory is in southwestern Pennsylvania.

Cattle Sales, Inc., was suspended Nov. 14 until the firm complied fully with the bonding requirements. The firm has now filed the required bond and a supplemental order has been issued which terminates the suspension portion of the order.

However, the cease and desist portions of the previous order remain in force. This order, similar to a permanent injunction, is to insure future compliance with the Packers and Stockyards (P&S) Act.

The P&S Act is a fair trade practices law. It promotes and maintains fair and open competition in the marketing of livestock, poultry and meat.

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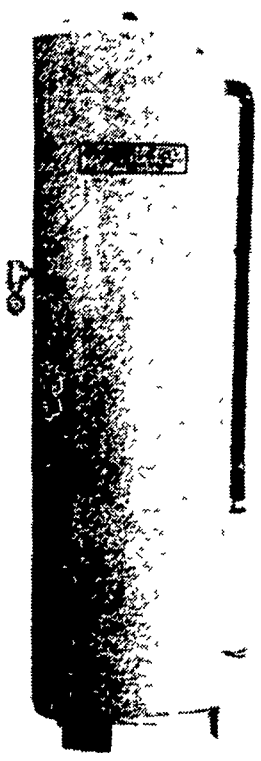

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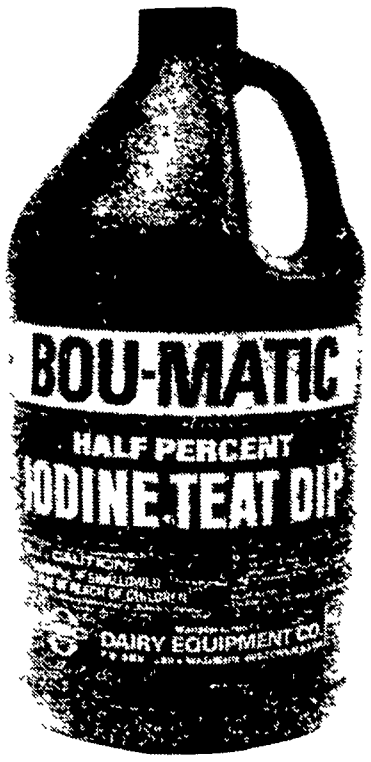

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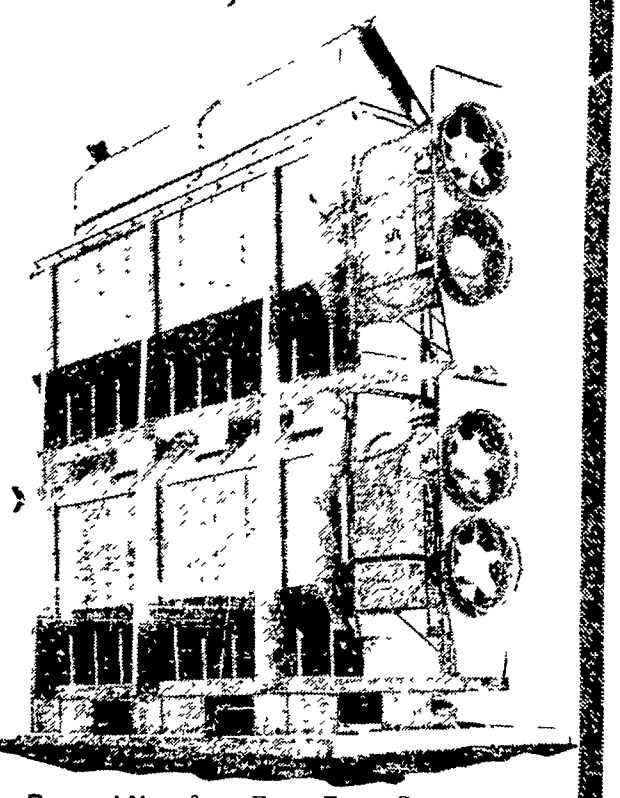

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USDA recommends calfhood

(Continued from Page 55)

brucellosis. About half of these have been adult-vaccinated under special arrangement approved by USDA and the cooperating states for certain problem herds.

Although brucellosis remains a threat to the U.S. cattle industry, considerable progress has been made toward eradication. The first national testing effort in the mid-1930's revealed a cattle infection level of abut 11.5 per cent. Today, the infection level nationally is about 0.5 per cent.

Even so, brucellosis still costs cattle producers about $30 million annually in terms of reduced calf crop, lower milk yield, and the need to replace infected breeding stock. Some of the symptoms farmers should look for are abortions in late pregnancy, birth of weak calves, retained afterbirths, vaginal discharges, infertility and enlarged testicles in bulls.

In this country, brucellosis is mainly a threat to cattle, although swine and other farm animals may be affected. People can catch the disease from animals. Called undulant fever, the human disease is characterized by an insidious and frequently misdiagnosed illness with weakness, fatigue, night sweats, and generalized aches and pains.

Unattended, human cases can develop serious complications leading to invalidism or even death. Deaths are rare, but medical authorities note that a case of brucellosis can be much more serious than many cases of influenza.

In 1947, before dramatic progress was made in eradicating brucellosis, about 6,000 people got the disease--mostly through contact with infected animals. Today, fewer than 300 human cases are reported annually to public health authorities.

The disease is an occupational hazard for livestock handlers, veterinarians, and slaughter plant workers. Families on farms may contract the disease by consuming unpasteurized milk and dairy products.

"Being careful about sanitation is the best protection for people working around infected animals," said Dr. Mulhern "Those who suspect they have brucellosis should see a physician without delay."

The human ailment often can be effectively treated, but there is no cure for the disease in animals. On the other hand, the vaccine that offers a measure of protection for cattle cannot be administered to people. There is no way to immunize human beings against undulant fever.

Dr. Mulhern acknowledged that Strain 19 is not perfect as an animal vaccine noting that the search for a better immunization method is continuing. Meanwhile, Strain 19 offers the best protection available, and it is the only such product approved for use in this country.

Stain 19 vaccine is noted for its stability, safety and efficacy when used properly. About 65 to 75 per cent of the vaccinated cattle will have complete protection against most levels of natural exposure to brucellosis. The rest will have varying degrees of protection.

Dr. Mulhern said that vaccine protection is influenced by the degree of coverage in a herd and the extent to which all herds in a geographic area are vaccinated. Also, Strain 19 is a "live" product, and proper handling is required to assure viability. Other factors influencing effectiveness are: The immune response of individual animals, the degree of exposure, and the virulence of the exposing Brucella strain.

Not all states encourage calfhood vaccination. With some exceptions, those that don't encourage it are the ones that have been free of brucellosis for a long time. USDA respects the views of animal health officials in those states. Some state officials prefer to consider calfhood vaccination on a herd-by-herd basis.

Cattle breeders who sell cattle for export overseas may not want to vaccinate since a number of foreign countries won't accept vaccinated cattle. USDA has tried to persuade foreign importers that Strain-19-vaccinated heifers are perfectly safe, but not all of them are yet convinced.

Dr. Mulhern stressed the need to vaccinate calves at the proper age – two to six months for dairy breeds and two to 10 months for beef breeds. (Some states specify two to eight months for the latter.) This is to avoid interference with blood test readings after maturity. Antibodies induced by vaccine may cause high test results if an animal is vaccinated too old.

APHIS field personnel in high risk areas are prepared to vaccinate eligible calves at owners' request and without charge if they are on the farm or ranch for testing or other business.

"To vaccinate or not will continue to be a decision for individual herd owners," Dr. Mulhern said. "But I would urge every herd owner in high risk areas to consider the advantages of vaccinating calves and only buying official vaccinates as herd replacements."

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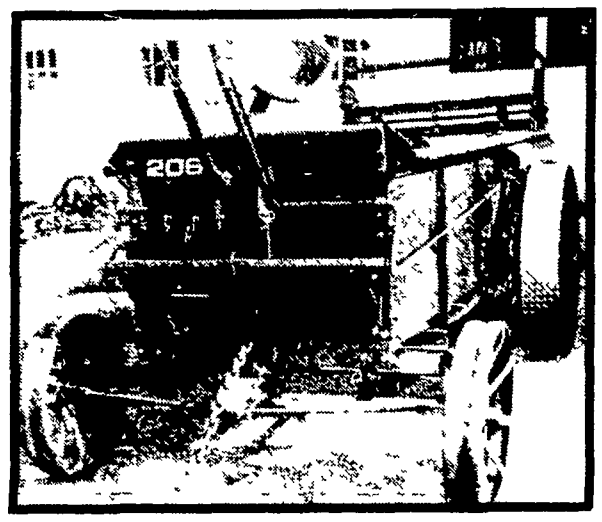

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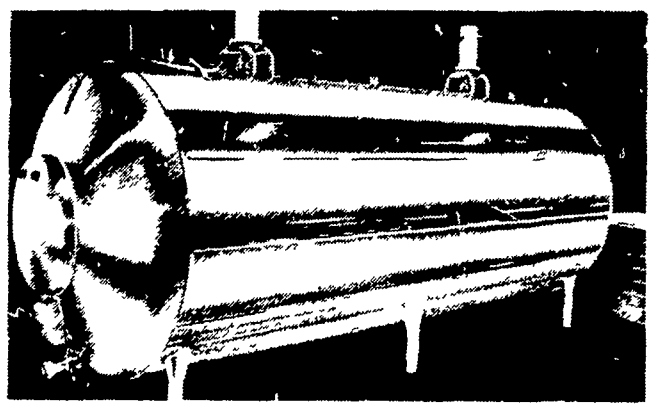

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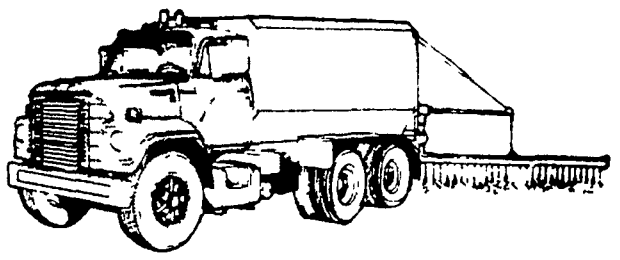

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It's getting harder

(Continued from Page 66)

a new method of insulation - two layers of plastic with air in between - has helped reduce heating costs by as much as 40 per cent. In addition, growers have learned to grow their hothouse plants at cooler temperatures, and they're making as much use of their facilities as possible.

While specialization and efficiency are the most concrete examples of how vegetable farmers are meeting the economic squeeze, experimentation isn't to be left out.

At the Rowe farm, specialty products such as poinsettias, strawberries, raspberries, bedding plants, and Winter lettuce are being experimented with.

A properly functioning sprinkler system, proper temperatures, and good overall management all play an important role in producing a thick leafy stand of lettuce such as shown here. Paul Rowe has kept his vegetable farm operating smoothly for 33 years, an accomplishment which demands adaptation, efficiency, and hard work. The Lancaster County farmer is president of the Pennsylvania Vegetable Growers Association.

Donald Rowe, son of Paul, will take on full managerial responsibilities of both the growing and marketing ends this Spring. He's had experience with the latter segment for years. The crops he's experimenting with are those which he believes he can move rapidly. In some cases, such as poinsettias, they're almost a sideline, but if the demand is there, and production is feasible, the challenge for profits has been answered.

Rowe started growing vegetables here 33 years ago, when he became convinced that the best way to market a quality product was to raise it himself. "Quality is necessary for a successful retail operation," the elder farmer confirmed.

During peak years, Rowe raised about 100 acres of fresh vegetables Specialization has caused him to cut back to 60 acres While the field acreage for vegetables shrunk, the wishes of his customers caused another segment to "just grow on us", Rowe reminisced "People wanted Winter lettuce and bedding plants," (They have 10,000 square feet of greenhouse space he explained, "so we got into it") Hot house tomatoes have also been tried, but here the advantage played the other way Although the Rowes can grow fine quality tomatoes in their hothouses, they've found that they don't fit into their schedule too well. Therefore they're one item which will be phased out

Labor is no problem at the Rowe vegetable farm. They speak very highly of the Amish school teachers who help them diligently each season.

The marketing end is as critical as any phase of this business and the Rowes are openly thankful for the "excellent clientele" they have enjoyed for decades. Some families are second and even third generation customers

"There's a class of people we have enjoyed who appreciate good food and good eating," the younger Rowe began as he told about his side of the vegetable business. Retailing most of their produce in the Philadelphia area, the Rowes have maintained steady sales. Profits are sometimes difficult to maintain. Rowe, as well as other vegetable growers, determine their pricing structure through the wholesale market and then add a percentage.

But it's supply and demand that rules this business, and in the end the consumer is the one who sets the price

"We back off the established price until the item begins to move," explained Rowe "One week a product might be in big supply prices are low; the following week the same item might be scarce and prices rise Our choice is to either move the produce at a sacrifice price, if it didn't move before, or end up having it spoil and thrown away."

"We don't like to throw anything away," he concluded.

Rowe and other vegetable growers will be assessing their mutual and individual problems and challenges at a meeting later this month when the first-ever "Vegetable Growers and Trade Show" opens in Hershey The event will be held in conjunction with meetings of other horticultural societies from three states, offering interested farmers opportunities for learning such as they've never had before

Rowe, who has served as president of the Pennsylvania Vegetable Growers Association for several terms, and is the organizations incumbent chief executive, is excited about the opportunities the Jan. 31 - Feb. 2 meetings will bring.

More than 100 commercial exhibits and seminars which give "the complete growing spectrum" will be offered.

For more complete details about the 1978 Pennsylvania Vegetable Conference and Trade Show, contact Burton L. Hetherington, P.O. Box 423, Berwick, Pa. 18603. Telephone (717) 759-8802.

To ensure lodging arrangements, send your reservation to: Hershey Motor Lodge and Convention Center, West Chocolate Ave. and University Drive, Hershey, Pa. 17033 on or before Jan. 16, 1978. Telephone (717) 534-3150

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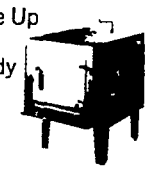

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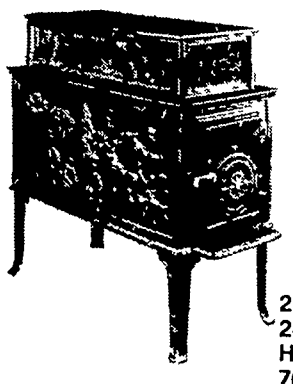

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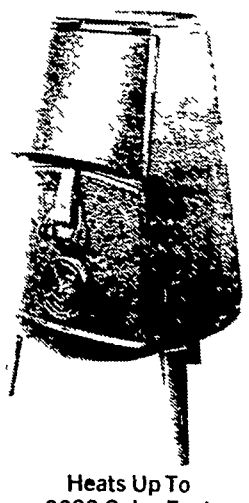

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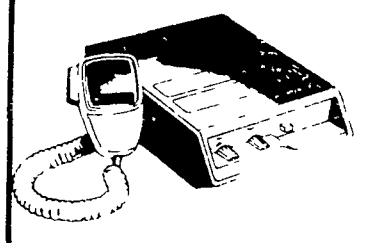

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At January 6 meeting

Land use proposal to be considered

LANCASTER -- The Pennsylvania Association of Conservation Districts have been in the process of developing a comprehensive land use policy for the Commonwealth for some time. There is little trouble defining the problem – finding a satisfactory solution has been the stumbling block, says Amos Funk, chairman of the Land Use Committee

Upon review of the State Land Policy Recommendations developed by the Office of State Planning and Development and consideration of possible alternative recommendations to improve their effectiveness, a proposed Land Use Policy has been circulated to all 66 Conservation Districts in the State.

As a result of the input of many of Pennsylvania's Conservation Districts, the Land Use Planning Committee of that organization will present the following proposal for consideration at its next quarterly meeting on Jan. 6. It will be held at 8 p m. at the Embers Restaurant Carlisle.

The Pennsylvania Association of Conservation Districts support comprehensive land use planning for the Commonwealth and claim that the preservation of Pennsylvania's agricultural industry should be a major part of that effort.

To accomplish this, the following objectives should be set forth:

1. Protect and preserve productive farmland and thus maintain the capacity to provide food and fiber.
2. Maintain family agriculture and the tradition of rural life that it holds.
3. Conservation of our natural resources, preservation of open space for recreation.

To attain these objectives, the following proposals should be implemented:

1. There should be a State and Municipal Agricultural Open Space Agency established so that state and local governments may cooperatively administer an Agricultural Open Space program

(a) Each township should indicate on a map where

Amos Funk

residential, industrial and commercial growth should occur.

(b) Farmers outside the residential, industrial, and commercial growth zones should be encouraged to voluntarily form agricultural zones or districts.

(c) The procedures to set up and operate these agricultural zones or districts could be similar to the New York program with needed improvements or changes.

(d) Farmers should be offered incentives not now available to them under acts already passed by the legislature. Example ..Relief from State Inheritance Assessments for farmers in the agricultural zones.

(e) Farmers should be assured that after they have formed a district for one year, (or perhaps more), they will be offered an opportunity to sell the development rights to the State.

(f) Delayed sales of easements should be allowed and payment for the easements should reflect the change of value of land similarly situated outside the preserve.

(g) In all cases, the value of development easements would be decided according to established accepted appraisal procedures.

(h) Purchase of development right funds could come from ½% of the real estate transfer tax.

(i) Farmers in district should be offered special consideration for loans.

(k) Prohibit use of eminent domain in district by a measure which is stronger than House Bill III. If a county wishes to use eminent domain, they should disallow a district in that area of concern.

(k) Normal farming operations should be allowed in the district and not be restricted by nuisance ordinances. Recent research has revealed that for every acre lost to urbanization, an additional acre is given up by a farmer somewhere because he is fed up with nuisance ordinances.

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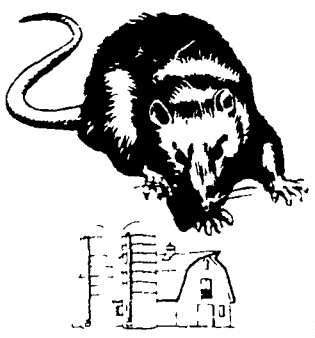

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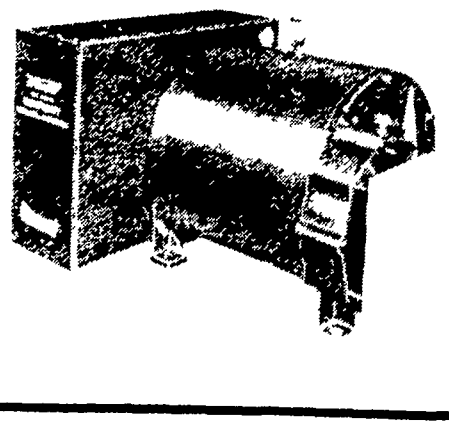

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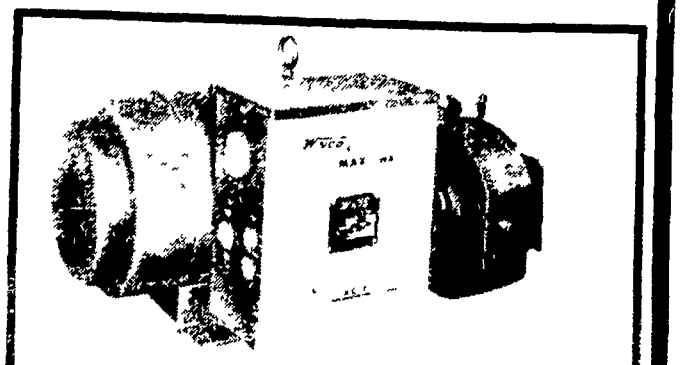

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Winter coat quality stressed

Fashion, especially in winter, begins with a smart coat that suits the occasion and the clothes being worn with it.

Since a coat is often a major investment that is expected to last several years, it's wise to buy the best quality you can afford, advises Janet Goszyk, Delaware Extesnion home economist.

No matter what fabric one chooses, look for these marks of quality, she says:

Fabric that feels alive and springy when crumpled, with a minimum of wrinkling; seamlines that are evenly stitched, neatly pressed, smoothly shaped; well-constructed pocket corners, buttonholes and other areas subject to wear or strain; buttons with smooth edges that slip in and out of buttonholes easily.

A coat front that is cut on grain with adequate overlap; lower front edges that meet at an even hemline; generous seam allowances and hems in both the outer coat and the lining; machine stitching in matching thread with proper tension for the fabric; interfacing weight that is suited to the outer fabric, to retain the shape of the coat; serviceable and attractive lining, with a smooth texture so that the coat will slip on and off easily; lining that is neatly fitted and wrinkle-free, with an expansion pleat down the entire back, and lining seams that are in line with coat seams, and that are tacked securely around armholes, along shoulder and side seams, and around the hem edge at intervals.

Fit is as important as fabric, says Ms. Goszyk. There should be no strain across the fron when the coat is buttoned. The back should be smooth, but with enough ease across the shoulders to facilitate picking up grocery bags or bending over to fasten a boot.

The collar should feel comfortable and not ride up in back.

Sleeves should be roomy. If full length, they should extend to the point just above the hand where the wrist bends.

A full-length coat should be at least half an inch longer than the garment underneath, preferably more.

It is fiber content rather than weight which determines warmth, reminds the home economist. Wool is the warmest fiber, with acrylics ranking next.

Fabric construction also helps determine the warmth of a coat, she adds. Twill weaves, tightly constructed regular weaves and piles are the warmest. Cotton, polyester and nylon fibers may be woven to appear warm, but really are not.

Labels on winter coats may contain the words virgin wool, reprocessed wool or reused wool.

Virgin wool means that the fiber has never been used before.

Reprocessed wool was woven into a fabric that was never used, then processed again into a new fabric.

Reused wool comes from fabric that has been used by a consumer. It is cleaned, processed, and rewoven into another fabric.

Reprocessed and reused wool have a rougher texture than virgin wool, but are just as warm, says Ms. Goszyk. The consumer should have no doubts about these fabrics if a coat meets the other quality tests.

New 4-H club forming

YORK – The York County 4-H Clubs will be organizing a 4-H club for handicapped persons. The purpose of this club will be to teach everyday living skills to the handicapped to help them in their struggle toward normalization. The first project to be offered would be in the area of food preparation, that would be appropriate for male and female participants. Recreational activities will be conducted along with the educational projects. Parents are urged to attend these meetings with their child.

The new 4-H Club is open to any mentally retarded person between the physical ages of 10-40. The participants should be educable. If a person is interested in joining the 4-H Club or would like more information about it, they should contact Roxanne Price at the Agriculture and Home Economics Extension Service in the Court House.

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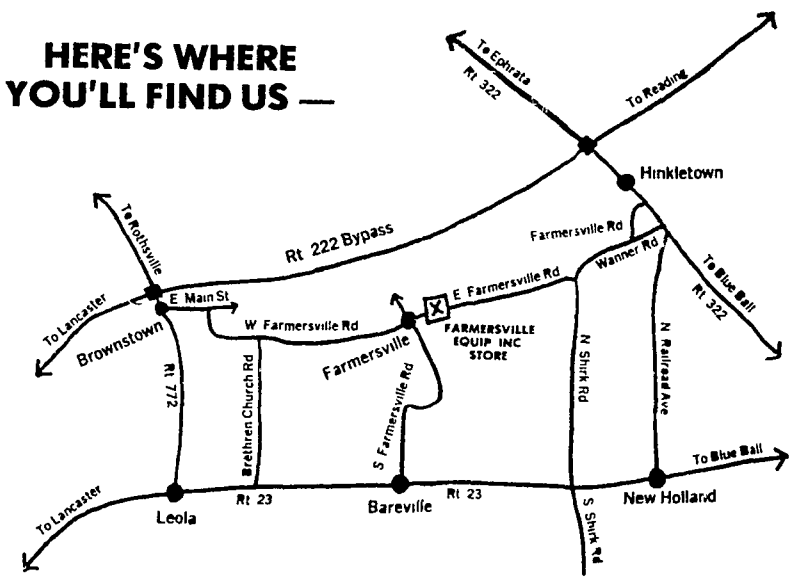

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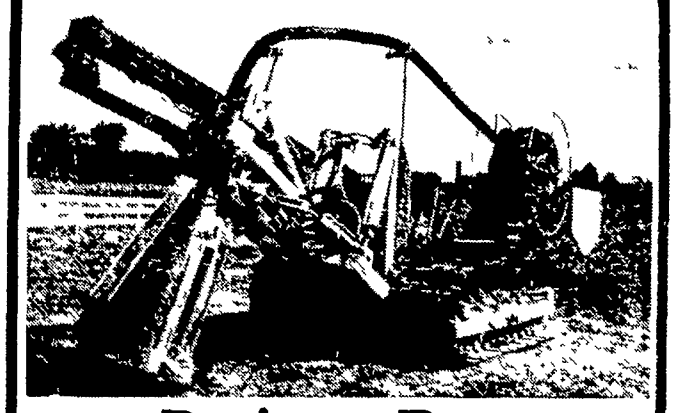

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Farm Buildings	3-23% (d)
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COMPARE

Even with the conservative figures shown above, it's obvious that land drainage should top farmers' lists of investment priorities.

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Almanac predicts rough Winter

LANCASTER – Baer's Agricultural Almanac, published here, is predicting a Winter that is 'three-quarters as rough" as last Winter. Editor Gerald S. Lentz finds that dogwood and firethorn berries are not quite as plentiful as they were last year, meaning less natural food will be needed by the birds; the squirrels are eating the walnuts, rather than storing as many as they did last year, and the wasps' nest are a little lower than in 1976

In other sections of the 1978 publication, readers learn of morning glories that grow only a foot high, and thus need no fence for support. The Almanac also says that poinsettia can be brought to flower a second time, and tells how, and cautions against using last year's seeds unless they have been stored properly in a cool, dry place.

Baer's Almanac is known for its homespun advice and down-to-earth philosophy. It presents varied fare--folklore, choice recipes, phases of the moon, a fishing calendar, and pictures and stories about Revolutionary War anniversaries

It pays tribute to farm wives, noting how they have progressed from the days when they were expected to do a full day's work in the field and also take care of the children, do the cooking and perform other domestic chores.

Planting times are listed for New England, the middle states, central and western states and the South. So are the risings and settings of the sun and moon.

Lestz sees the Almanac as a guide for daily living for those close to the soil. Fond of a quotation from Thomas Jefferson, in the Almanac, he says:

"No occupation is so delightful to me as the culture of the earth, and no culture comparable to that of a garden."

Favorite folklore items of the editor say that before a storm, bees stay close to home; if birds return slowly to their nests, rain will follow, and that when the moon is near full, it never storms.

A member of the Garden Writers Association of America, Lestz compiles the Almanac at his home.

Agri-King salutes DeLong sales team

The group of Agri-King sales people and their wives who attended a company meeting recently are from left to right: Del Curley, Agri-King president; Mr. & Mrs. George DeLong, Lititz; Mr. & Mrs. Roger Heller, Robesonia, Mr. & Mrs. Aldus King, Atglen; Mr. & Mrs. Henry DeLong, Jr., Peach Bottom; Mr. & Mrs. Melvin Herr, New Holland; Mr. & Mrs. Ben Greenawalt, Conestoga; Mr. & Mrs. Earl Ginder, Manheim; and Mr. & Mrs. Marvin Meyer, R.R.2, Box 157, Annville.

USDA data available

WASHINGTON, D.C. - "Agricultural Statistics, 1977," was released last week by the Statistical Reporting Service of the U.S. Department of Agriculture. Published annually since 1936, the current volume provides up-to-date information on agricultural production, prices, supplies, consumption, costs, and income.

For handy reference, the over-600 page book also brings together statistical series that appear in other USDA publications. Statistics are included on USDA stabilization and price support programs, soil conservation, practices, consumer food programs, and electrification and telephone loans.

For a copy of "Agricultural Statistics, 1977," send $5.75 to the Superintendent of Documents U.S. Government Printing Office, Washington, D.C. 20402.

have a nice weekend...

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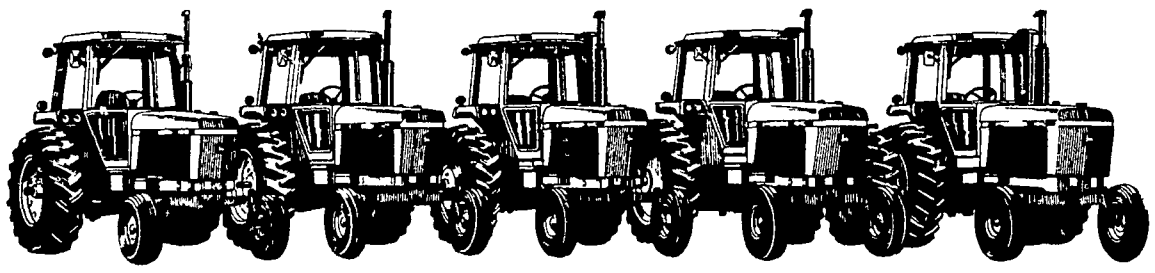
MORE HORSES MORE IRON



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Farm income not likely to improve in 1978

NEWARK, Del. – A slower rise in the prices for most farm inputs and perhaps declining farm prices are expected in 1978. The input price changes will result from slack demand and excess production capacity.

While input price increases are expected to slow down some, the prices farmers receive are not expected to show much strength. For 1977, U.S. net farm income is likely to be near $20 billion, down nearly $2 billion from last year. With current market trends, farm income during the first half of 1978 is not likely to improve, predicts Carl German, Extension crops marketing specialist at the University of Delaware.

A less optimistic income picture in 1978 might cause lenders to scrutinize loan applications more closely and to be more conservative about making loans, the economist adds. Farmers may postpone purchases for capital items. Purchases of short-term production items could slacken some, but will remain stronger than purchases of capital items.

FARM MACHINERY —— The demand for farm machinery is expected to be very soft next year. Minimal price hikes will result from expected increases in the costs of material and labor.

Sales of all tractors for the 1977 January-August period were off 3.5 per cent from a year earlier. January-August sales of most other equipment went down four to 21 per cent below last year's figures.

Although machinery sales declined, prices continued to rise about 15 per cent as of June 15, 1977, over a year earlier. Further price increases on many farm machines of eight to 12 per cent occurred in November, 1977, compared to the June prices.

In 1978, farm machinery dealers will be facing difficult times. Many dealers can be expected to raise trade-in allowances on used machines and to grant more lenient credit terms in order to move equipment.

The prices of replacement parts have risen rapidly. The total cost of machinery repairs is likely to continue its sharp rise during the coming year.

ENERGY —— Energy inputs remain the most critical concern of agriculture. The general trends of relatively tight supplies and increasing prices are expected to continue. The delivery of natural gas for 1977/78 is expected to be below the level of last Winter. Most of the curtailments will affect the industrial sector.

Natural gas prices have been increasing rapidly, with the big jumps occurring in 1973-74. Natural gas prices may be expected to increase 10 to 20 per cent in the year ahead.

LP gas is closely tied to the natural gas situation. Crop drying is proceeding with no major interruptions. Supplies will become critical, though, and price rises of 10 to 15 per cent are expected during the coming year.

Diesel and gasoline supplies should be adequate for farmers in 1978. Since 1974, price increases have averaged five to 10 per cent annually. We can expect the pattern to continue next year, says German.

FERTILIZER —— Domestic nitrogen consumption in 1977-78 is forecast at about 10.5 million tons. The net domestic supply could reach 12 million tons. With such a demand/supply outlook, nitrogen prices are likely to decline sharply in 1977-78.

Production increases of phosphates in 1977-78 will largely be offset by increased exports. The market for phosphates looks strong, and prices should hold steady.

Domestic potash consumption remained essentially unchanged from a year earlier. No major change is anticipated for 1977-78.

PESTICIDES —— We can expect ample supplies of pesticides at slightly higher prices in 1977-78. Regulations will continue to be an important factor in the use and marketing of pesticides.

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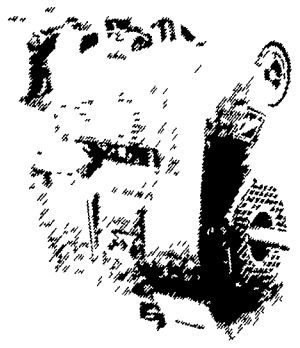

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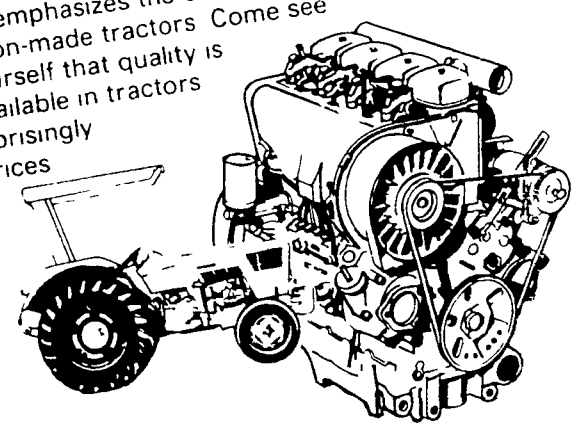

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Remembering how it used to be

Children found work, play around corn shocks

EDITOR'S NOTE: Readers who would like to contribute material designed to provide a written and pictorial record of what farming was like a generation or two ago are asked to contact Lancaster Farming. We'd like to write about old equipment, traditions, and methods. Let us know, please, what you have to offer. Readers may send the material in if they wish, as was the case with the following article. Or, if the reader prefers, one of our staff members will visit your farm and write a feature article. We thank you for your interest and assistance.

There was a hustle and a bustle as the older children went off to school and my sister and I would bundle up to head for the rows of corn shocks in the field behind the barn. Accompanied by our parents, we were on our way to husk corn.

That's how we did it when I was a little girl and a teenager.

Corn was picked on the stalk and then bindered and stacked into shocks. The husking hook and foot chopper were our tools. They're relics of the past ... but I remember ...

There was the wa-a-a-ack of the corn chopper as my father chopped off the four clumps of corn stalks around which the stalks had been made. Four shocks were pulled together, with tassels toward the middle. In the center there was room for the pile of ears from the four shocks.

We girls would try to open the stalk of corn that had been used to tie the shock together and then we'd stand around and shiver a bit in the frosty October wind. As mother started husking on one side of the shock, we'd try to husk a few ears on the other side. We'd hunt for the biggest ears, of course.

But alas, often our strength was just enough to peel back the husks, but not sufficient to break off the biggest ears we had chosen. So mother had to do it for us.

Then as soon as the first shock was husked we'd dive into the pile of fodder, intent on making a warm nest to seal out the chill winds that by this time were sneaking through our woolen coats.

Together we'd snuggle down trying to gather fodder all around us to see if we could bury ourselves up to our necks. We would shiver, and huddle together content that we had managed to seal out the cold.

But soon the cold of the damp earth would come sneaking up to our feet and legs. Then we'd get up and make a new nest. Placing a layer of corn fodder on the bottom, we'd snuggle in again. But try as we would, we couldn't get the pile to reach higher than our waists.

Soon the sun was warmer and we'd settle down to talk about whatever two preschool girls felt was important.

Sometimes, when father would pull over a shock, a cottontail would come bounding over the corn rows. His white tail flashed by us as he sought refuge in a shock further on. Sometimes a ringneck pheasant would strut around in the distance.

We'd watch a few blackbirds or else the lazy flapping of a big black crow. The blue sky with the occasional drone of an airplane is well remembered too. Any activity on neighboring farms came in for their share of observation.

When the day became warmer we'd gradually move around in our cocoon of corn fodder. We'd look around and wonder when it would snow so we could go sledding down the barn hill.

The moment came when we were tired of it all and we'd call up ahead to Mom that it must be dinner time and we were hungry. Could we go to the house?

Mom would walk down the field a bit and pull a few turnips from the turnip patch. She'd peel us each one, using the steel tip of the husking iron as a knife.

We'd chew on our cold fresh turnips like a pair of rabbits. Then, we'd get orders to gather up the stray ears around each pile of corn as father would get strings from the bundle at his waist to tie up the fodder. Each shock was divided into two fodder bundles which were then made into one big fodder shock.

My sister and I hurried to see which of us could beat the other to the scattered ears of corn. We stacked them into neat piles.

Soon afterwards we'd head for the house, hoping that the kitchen range had done its job too and that the big potatoes we had put into the oven before we left that morning were ready to eat.

We were as hungry as bears, it seemed.

Darvin Boyd, director of agri-finance for National Central Bank, presents Alletta M. Schadler, Lebanon County Extension director, with one of 500 calendars National Central purchased for the Lebanon County 4-H Council. Standing with Boyd and Mrs. Schadler are Merrit Marks, vice-president and manager of National Central's Richland office, and Pat Krall, Lebanon Co. 4-H youth agent.

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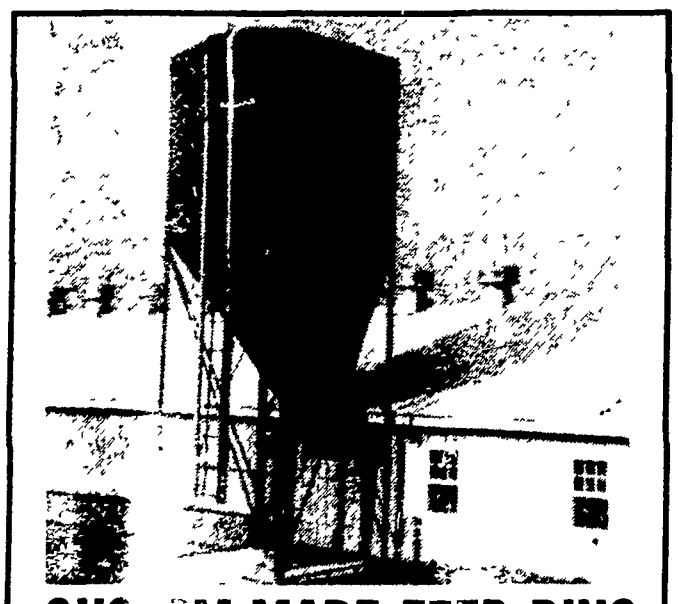

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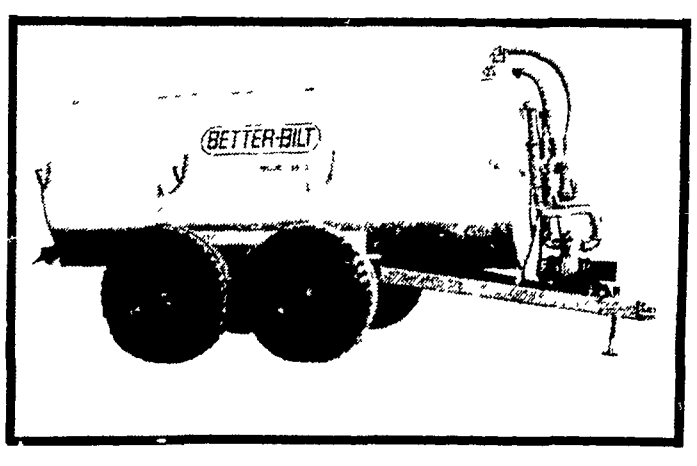

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Kendy's Kollumn

by Kendace Borry

It just doesn t seem possible that it's time for 1978 to make its entrance into my life but since it is, I guess I have to face the facts and get my life in order Once again it has come to the time of taking a long, hard look at myself and decide which improvements in 1978 I will concentrate on

Now that I'm in my mid-twenties, I guess the day has finally come when I have to settle down, (well, maybe a little) and start acting like a lady This is very hard for a girl who loves barns and barnwork but my 1978 New Year Resolutions are going to be concerned with acting more feminine on the farm Here they are

1. No more shall I jump down the hay hole into the hay bales or loose hay no matter how inviting that pile of fragrant dried grass looks Young ladies just do not show up with hay all over their clothes and in their hair

2 I will try my hardest not to be caught standing out in the barnyard with mud up to my knees everytime company arrives The sight of the mud and the smell that goes with it usually does nothing to improve my image

3 In public I promise to occasionally to appear in a dress to prove to the world that I do have legs However I reserve the right to wear jeans whenever I consider it necessary, and I consider it essential about 90 per cent of the time

4 From now on, I will try to go through gates and not over them

5 More time will be taken with my outdoor wardrobe to try and find mittens that match so that I will not be seen running around at the barn with one red mitten and one pink glove on

6 But, most important of all, no matter who sees me or what I'm doing, I resolve to find something in farm life to enjoy every day of 1978, no matter how I look or how I act After all, isn't that what life is all about?

Two Holsteins earn GM honor

BRATTLEBORO, Vt - The Holstein-Friesian Association of America reports that Gold Medal Dam status has been achieved by Glade View Cindy 5527526-VG, bred and owned by Leroy Shrock, Dayton and Welsh Springs General Elaine 5967660-VG, bred by Ralpn Stoltzfus, Morgantown, and owned by David E Weaver, Glenmoore This recognition is based on an animal's ability to transmit outstanding milk production and desirable body conformation

Glade View Cindy qualified on the basis of her lifetime production records averaging over 100,000 pounds of milk. Her qualifying daughters have attainted the following type and production records (Mature Equivalent basis): Glad View Tidy Greta-VG with nine records averaging 20,538 pounds of milk and 659 pounds of butterfat and Glade View Ideal Kori-VG with five records averaging 21,790 pounds of milk and 787 pounds of butterfat and Glade View Star Patti-GP with a single record of 21,557 pounds of milk and 683 pounds of butterfat Glade View Star Raven qualified her dam on the basis of her single record averaging 20,929 pounds of milk and 730 pounds of butterfat. Glade View Tidy Fawn-GP qualified her dam on the basis of type.

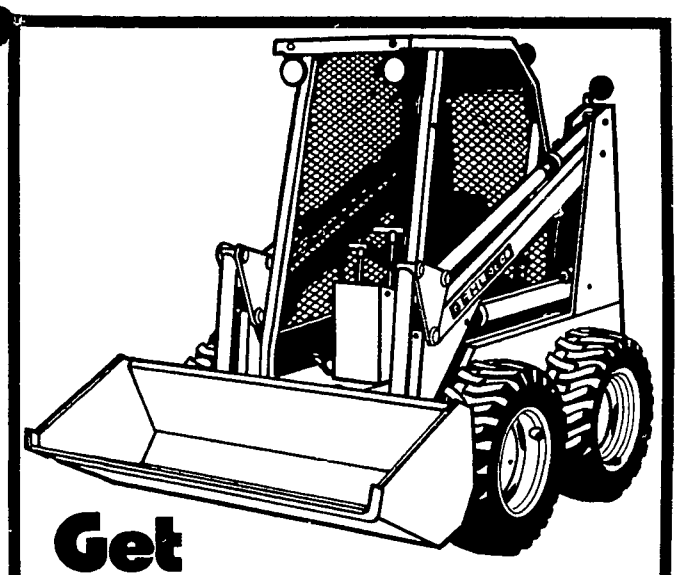
Welsh Springs General Elaine qualified on the basis of her lifetime production records averaging over 100,000 pounds of milk. Her qualifying daughters have attained the following type and production record (ME basis): Glen Moore Astronaut Milly-VG with five records averaging 23,824 lbs. of milk and 886 pounds of butterfat; Glen Moore Election Eva-GP with three records averaging 16,615 pounds of milk and 755 pounds of butterfat and Glen Moore Astronaut Elaine-GP with a single record of 18,440 pounds of milk and 791 pounds of butterfat.

Production testing and type classification information must be available in order to evaluate cows nominated for this award. The Holstein organization, largest dairy breed association in the world, registers over a quarter of a million animals each year.

MORTGAGE POINTS DEDUCTIBLE AS INTEREST

Here's tax-saving advice on so-called "points" paid by the buyer on home mortgage loan Actually such points are just another form of interest – and deductible in the year they are paid. This is almost the only type of pre-paid interest that is good for a tax deduction right now. Other prepaid interest can be deducted only over the life of the loan.

A public service of the Pennsylvania Institute of Certified Public Accountants.



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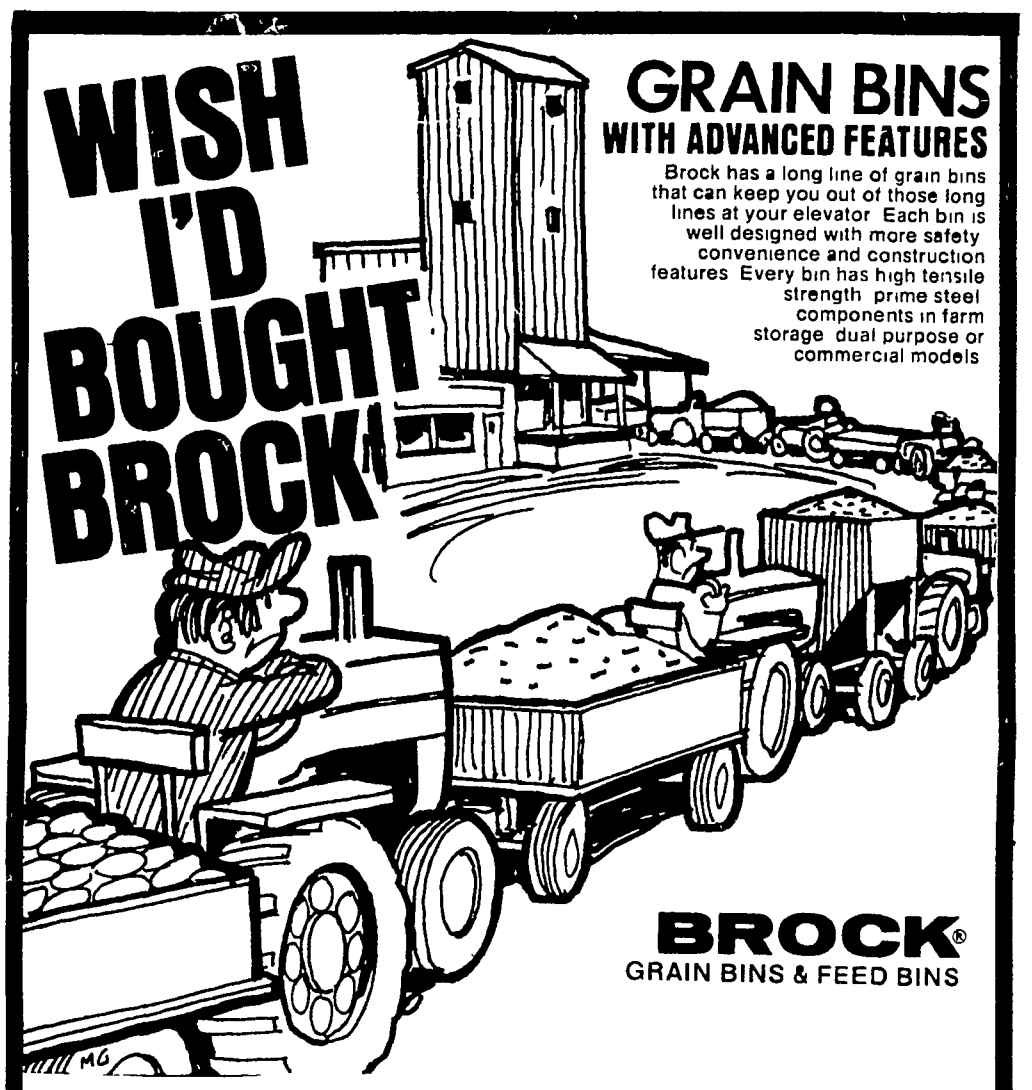
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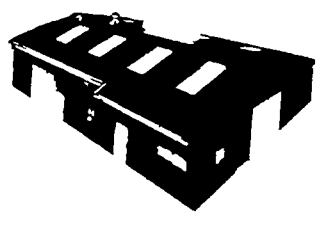

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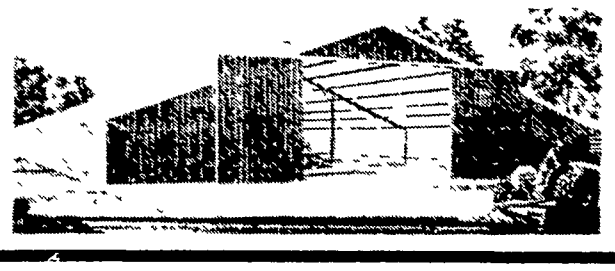

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Evergreen, hardwood seedlings offered in sale

By KENDACE BORRY

LANCASTER - The Lancaster County Conservation District directors are offering all landowners the opportunity to beautify their property through the purchase of evergreen and hardwood tree seedlings. The tree sale has no restrictions and is geared to everyone who would like to purchase the seedlings.

The evergreen three-year old seedlings vary in height from five to 15 inches depending on the type of tree bought Hardwood seedlings range from approximately 12 to 24 inches

Evergreen seedlings offered for sale include Blue Spruce, Douglas Fir, Norway Spruce, Scotch Pine, and White Pine One packet of ten seedlings of the same variety of evergreens costs $1 75.

Blue Spruce trees are sturdy and compact in form, with straight stems. Their color varies slightly from blue-green to blue. They reach a maximum height of 40 feet with a spread of 20 to 25 feet They grow very dense and can be used as a windbreak and screen. Blue Spruce are slow in growth.

Douglas Fir are a hardy ornamental and Christmas tree, being compact in form with straight stems and short, soft bluish-green needles. They reach a maximum height of 65 feet with a spread of ten feet Douglas firs need well drained soil to survive

Scotch pine trees are a hardy, straight stem tree with short blue-green needles. Ornamental, they are excellent for both Christmas tree use and screening Their maximum growth is 60 feet with a spread of about 16 feet.

A very attractive ornamental tree with blue-green needles is the White Pine tree. It is recommended for Christmas tree use, as a good windbreak, and is fast growing with deep roots. It grows well in most average moist soils.

Hardwood trees are also offered for sale at the price of $1 each The varieties offered for sale include White Dogwood, Red Maple, Red Oak, and White Birch

White dogwood is a highly ornamental tree with white to reddish blooms appearing in the months of April through June. A smaller tree with a height of 25 to 30 feet when full grown, it has bunched bright red fruits which appear in September through February. It is known for its bronze Fall color.

An ornamental pyramidal shaped tree, the Red Maple is excellent for lawn planting. It has attractive flowers in Spring and bright green foliage that turns bright scarlet or orange in the Fall. It is a medium sized tree good for both swampy and dry sites. Its maximum height is approximately 60 feet.

The Red Oak is a large, fast growing tree with a short trunk, stout spreading branches, and a round-topped head. Its Autumn color is dark red The Red Oak reaches a maximum height of 80 feet, and has an acorn approximately ¾ inch in size

A fast grower, the White Birch is an ornamental white bark tree. It is nice planted as a clump of tree or as a single specimen. Its maximum height is around 25 feet.

Seedlings can be ordered by using the enclosed order blank and sending a check or money order issued to the Lancaster County Conservation District. All orders must be received at the District Office, Room 6, Farm and Home Center, 1383 Arcadia Road, Lancaster, Pa., 17601, by March 20, 1978.

The seedlings should be picked up in Long Park, Pavillion 1, 1441 Old Harrisburg Pike, Lancaster, Pa. between 10:30 a.m. and 2 p.m. on April 8, 1978.

The seedlings are all three years old and approved by the Bureau of Forestry. Last year the Lancaster County Conservation District sold 114,000 seedlings to interested land owners.

TREE SEEDLING ORDER BLANK

EVERGREENS - One (1) packet of 10 seedlings of same variety @ $1.75 per packet.

	# of Packets	= Total Cost
BLUE SPRUCE	_____	$_____
DOUGLAS FIR	_____	$_____
NORWAY SPRUCE	_____	$_____
SCOTCH PINE	_____	$_____
WHITE PINE	_____	$_____
TOTAL:	_____	$_____

HARDWOODS at $1.00 each

	# of Trees	Total Cost
DOGWOOD(White) (12"-18")	_____	$_____
RED MAPLE (12"-18")	_____	$_____
RED OAK (18"-24")	_____	$_____
WHITE BIRCH (18"-24")	_____	$_____
TOTAL:	_____	$_____

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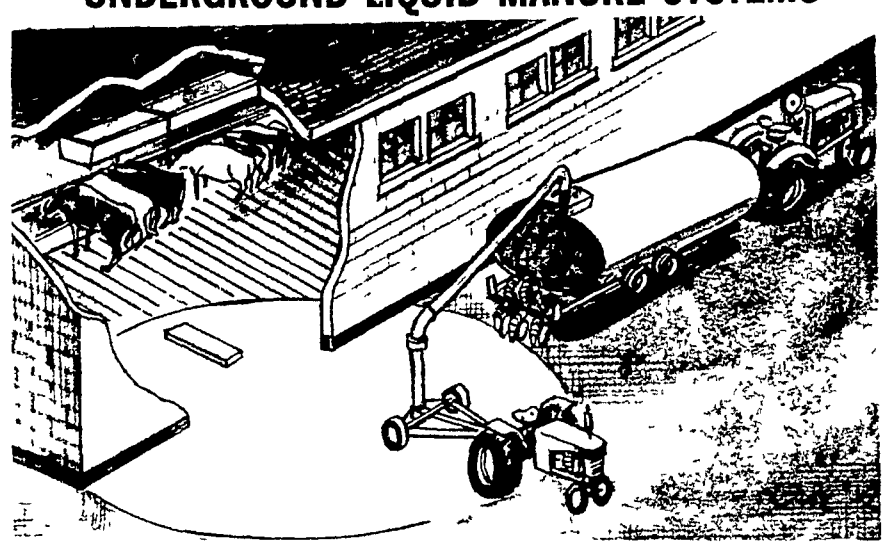

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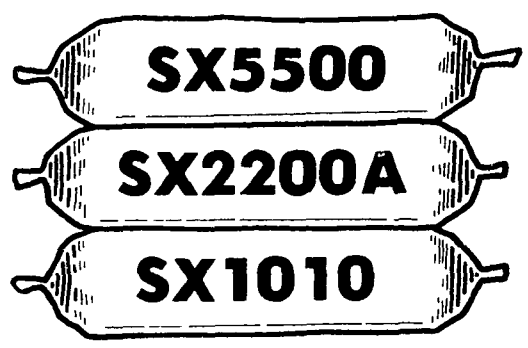

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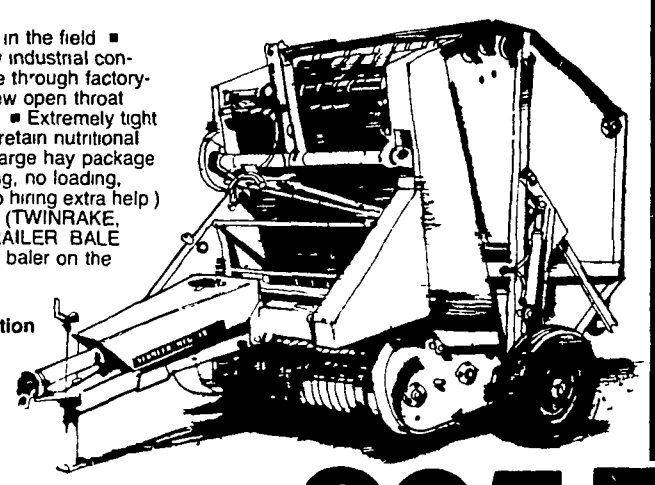

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Support prices and plant capacity will determine 1978 dairy outlook

John York

Prices per cwt. may rise 40 cents in Order 4

By John C. York, Vice President
Lehigh Valley Cooperative Farmers

ALLENTOWN – Consumers will pay current price levels for milk during the first half of 1978 but slightly higher prices during the second half of the year. However, they will still pay less for milk per hourly earnings than they did in 1977.

For the farmer, the key to milk prices in 1978 will be the level of government support prices, coupled with the availability of sufficient plant capacity to handle milk supplies and to insure a market for his milk.

While these two observations quickly sum up the outlook for the dairy industry in the year ahead, factors leading to these conclusions must be considered.

National Situation

Heavy milk production in 1977 has resulted in large inventories of storable dairy products. This situation will be further complicated by an abundant milk supply in 1978, when national production could exceed 126 billion pounds as compared to 123.3 billion pounds in 1977.

Current U.S. milk production is running nearly three per cent above 1977 levels, with production per cow also showing an increase of three per cent despite a decrease of 1/10 of one per cent in the number of cows.

In storable dairy products, accumulation of butter is currently running nine per cent above a year ago and nonfat dry milk products between 25-30 per cent ahead. Stores of American Cheese are about the same. With the anticipated increase in milk production in 1978, government inventories of storable products should rise substantially.

The Mid-Atlantic Area

Milk production in the Mid-Atlantic states and New York most likely will follow the national trend. Production in Pennsylvania is currently running two per cent above a year ago, with Maryland and New York showing a four per cent increase.

Milk market stability in this region, however, will probably be worse than in any other part of the country due to the lack of manufacturing facilities for a range of dairy products.

Prices

Commodity Credit Corporation purchases of dairy products will necessarily be heavy to maintain the current support price of $9.00 per hundred weight for average tested milk. The effect of the support level on Minnesota-Wisconsin manufactured milk prices in 1978 will determine price levels to farmers.

The Minnesota-Wisconsin price in 1977 averages about $8.56 per hundred weight. In 1978, it is expected to be at least $8.65 per hundred weight if there is no change in the support price. This will be known on April 1 when the semi-annual support price announcement is made as required under the present Farm Bill.

It is likely that the parity index will rise 4% by April. Recomputing the support price from the increase in the parity index suggests a new support level of between $9.30 and $9.40 per hundred weight. Consequently, The Minnesota-Wisconsin manufactured milk price could go up from its current monthly level to $9.10 by Fall of 1978.

Milk prices to producers regulated by Mid-Atlantic Federal Milk Order 4 should increase 20 cents per hundred weight in 1978. If the support price should be increased as anticipated, there will be another 20 cents added to the blend price.

Milk prices to producers regulated by New York Federal Milk Order 2 are likely to be down 10 cents from 1977, due largely to an amendment that became effective to that Order last November. New York Order prices zoned at the farm should average $9.50 for the year 1978.

1978 Forecast

In a nutshell, then, 1978 should see the following:

1. Milk supplies nationally will reach 126 billion pounds and supplies in the Mid-Atlantic-New York region will average between two and four per cent above 1977 levels.
2. Government inventories of storable dairy products are likely to reach near record levels.
3. Accordingly, new attention will be placed on expansion of food distribution to needy persons, school lunch programs, and on disposition of dairy products abroad.
4. Inflation will continue to trigger increases in cost production, but improved milk prices should allow for maintenance of net farm income at 1977 levels to those farmers who have full market outlets for their production.
5. Farm milk prices in Mid-Atlantic Federal Milk Order 4 are expected to be 40 cents per hundred weight above a year ago, and 10 cents above in New York Federal Milk Order 2.
6. Consumers are likely to pay about the same prices for milk during the first half of 1978 but slightly more during the last half of the year. Consumers will spend less for milk per hourly earnings than they did in 1977.

Ice cream proposal withdrawn

WASHINGTON, D.C. - Following a Food and Drug Administration decision to withdraw a controversial proposal to change the standard of identity for ice cream, Congressman Fred Richmond commended FDA Commissioner Donald Kennedy for recognizing the adverse effects the regulations would have had on consumers and domestic dairy producers.

FDA's decision to withdraw the major provisions of the ice cream proposal followed a five-month long controversy with consumer, dairy, and Congressional representatives who questioned the nutritional and economic impact of the proposal. The Agriculture Subcommittee on Domestic Marketing, Consumer Relations, and Nutrition, which Richmond chairs, held hearings on the proposed regulations in August.

The new rules would have allowed ice cream manufacturers to replace half the whole-milk content of ice cream with "safe and suitable" dairy-derived ingredients. Imported caseinates and domestic whey, both inexpensive milk by-products, would have displaced nearly 300 million pounds of nonfat dry milk currently used in ice cream. Still in effect is a provision requiring full ingredient labeling for ice cream.

Nutritionally, the proposal would have established a minimum protein requirement for ice cream, even though ice cream is not considered a key source of protein. By using whey and caseinates, Richmond explained, levels of other essential nutrients found in today's ice cream would not by safeguarded in standards for the new ice cream. "The regulations would have further promoted the nutritional debasement of ice cream and led to increased consumer confusion in the marketplace," Richmond said.

Commissioner Kennedy told Richmond that as a result of public and Congressional questioning of the ice cream proposal, he is formulating plans to completely review FDA's food policy, especially as it pertains to food labeling. The Commissioner said he plans to meet with an ad hoc consumer committee in January to receive its input on FDA food policy. In February, the FDA's National Advisory Food and Drug Committee will consider issues raised by consumers, establishing the basis for public hearings in the spring to determine what regulatory actions should be taken to improve FDA's food policy.

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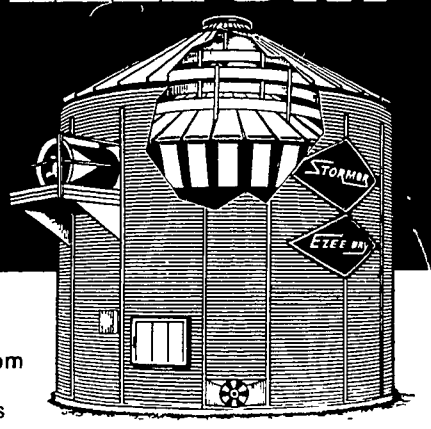

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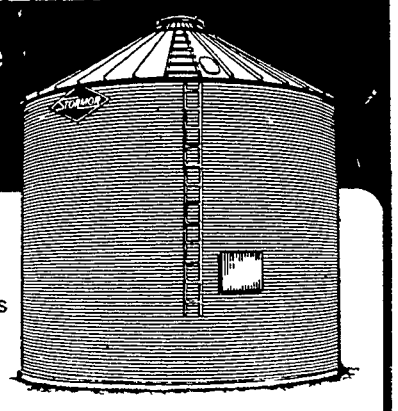

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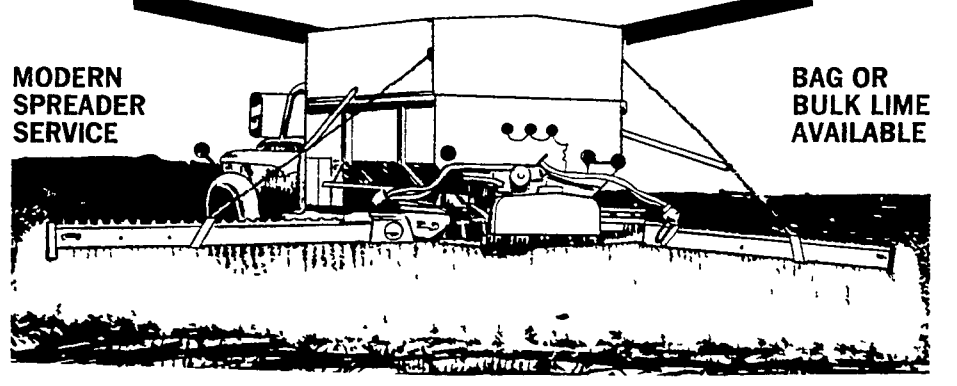

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Dairymen

(Continued from Page 60)

mineral, he said. A blood test could determine the problem.

The only source of selenium at present which can be used on dairy cattle are injections, Hutchinson told the farmers. Brewers grain is the only other source which could possibly keep selenium levels up.

"Be on the lookout for Bangs disease." Hutchinson warned the dairymen. Recently there have been problems with this disease in Pennsylvania and vaccination against it is being recommended again, for calves between two and six months of age.

Large drops in milk production can be due to too much grain as well as too little, Adams told the group. Feed preparation was another important factor. Whole kernels are not as good as when the feed is broken up into pieces he added. Adams also said that water problems could also influence production. The system may be inadequate or the water could be polluted.

Hutchinson discussed other problems that could cause production declines. "Don't overlook teat ends," he stated. Irritations or scabbing at the ends of teats could indicate a problem. The Penn State veterinarian advised teat dipping and dry treating all cows.

EARNED INCOME CREDIT DOES NOT JEOPARDIZE WELFARE

Here's tax-saving advice about the earned income credit: The earned income tax credit for those with low incomes can be good for a cash refund of up to four hundred dollars. Last year, many taxpayers passed it up for fear of jeopardizing welfare payments. But under the new law, such refunds no longer affect eligibility for federally assisted welfare.

A public service of the Pennsylvania Institute of Certified Public Accountants.

Sale reports

A Public Sale of an 82 acre farm was held December 23 by Jacob P. & Lizzie S. Esh, in Providence Twp., along Esh Road in Lancaster Co., Pa.

It was sold for $273,000 to Joe King of Providence Twp. and consisted of 82 acres, large bank barn, milk house, silos, tobacco shed and a 2½ story frame dwelling.

Elton & Alvin Horning were the auctioneers.

xxx

A Herd Dispersal was held December 15 at the New Holland Sales Stables by Glenn & David Fite. This Christmas Sale was well attended.

The 72 head of registered Holsteins in the herd included 51 cows and 21 heifers. A total of 114 head were sold at this sale.

Fresh cows sold up to $1850; Springing cows from $1200 to $1500; heifers up to $530. The cows averaged $716.

Auctioneers were Glenn & David Fite

xxx

The December 20th Farmersville Auction was conducted in Farmersville, 3 miles east of Brownstown, Lanc. Co., Pa.

Prices received were: Homemade Brooms $3.50 & $3.75, 3 pc. Walnut end tables $102, French Provincial Living room $140, Dehumidifier $52.50, 2 pc. Modern Bedroom Suite $95, Matching Love Seat $65, Zenith Record Player $100, Breakfast Set $70, Kelvinator Refrigerator $190, New Cedar Chests $55 & $105, Vinyl Armless Sofa $40, Thomas Electric Organ $70, Hollywood King-Size Bed $65 and Waterfall Bedroom Suite $90

xxx

A York Co. Herd Dispersal was held Dec. 21 at the New Holland Sales Stables and they were consigned by Glenn & David Fite.

Fresh cows brought up to $850 and Springers sold between $550 and $700. Other cows in the herd sold between $350 and $500.

Sale conducted by Glenn & David Fite.

Sales Register

DECEMBER

SAT DEC 31 - 10 A M Annual Public Auction of Tractors Located from Rt 11, at Inwood, WV turn East of Rt 51, travel 3 miles to Haines Market, turn right, 2 of a mile to sale, or from Charles Town, WV, take Rt 51 West app 8 miles to Haines Market, turn left 2 of a mile to sale Auctioneers Mullendore, Bohrer, Miller and Morrow

SAT DEC 31 10 A M Public Sale of Masonary Tools, Equipment, and Gasoline Engine Located on Partridge St, Lebanon, Pa Partridge St is an alley between 9th and 10th Streets and Lehman and Church Streets Conditions by Earl R Smith Roy I Ebersole and Son, Auctioneers

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WEDNESDAY, JANUARY 4, 1978

1:00 P.M.

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70 mature Holstein cows of which 12 are fresh, 27 handing or bagging, 23 due from March thru August, balance in all stages. You will find a well uddered young dairy with a lot of nice individuals. The dairy has been blood tested for Brucellosis & TB tested and are eligible for immediate Interstate Shipment. Necessary cattle bed examined for pregnancy. All cattle have been shot with Nasalgen.

P.S. Sale to be held at Whitney Point Sale Barn, Wednesday, Jan. 4, 1978, 1:00 P.M.

Terms - Cash or one way check. Lunch Available.

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Whitney Point, NY
607-692-4540

JULIUS O. C. POST
POST HILL

DAIRY DISPERSAL

SATURDAY, JANUARY 7, 1978

12:30 P.M. - Brooklyn, Pa.

At the farm in Susq. Co., 2 mi. west of Brooklyn and Pa. Rt. 167, 3 mi. east of Dimock and Pa. Route 29, 6 mi. NW of Hop Bottom and Rt. 11. Watch for Bunnells red auction arrows.

31 REGISTERED HOLSTEINS 31

2 HIGH GRADE HOLSTEINS 2

30 day TB and blood tested free herd. Pa. and interstate charts available, Brucellosis certified No. 016224 - 100 percent calfhood vaccinated examined for pregnancy and treated for shipping fever. Featuring daughters of:

1 Elevation, 4 President Vernon, 4 Luckytype Blazer, 5 Tidy Gent, 2 Peter Farm ABC Ivanhoe, 2 Mary King and other top Nepa Production Sires. 23 fresh recently, 4 close springers, one of the top producing Susq. Co. herds. Several milking 85 to 100 lbs. each. Good type, legs, udders and production you will see. A lot of winter milk from the kind of cows you like to work with.

My foundation animals were Canadian blood lines from Citation R. and were hand picked by Mr. Edward T Bush, Dimock, Pa.

Sunset 545 Gal. Bulk Tank Complete With Compressor, A-1

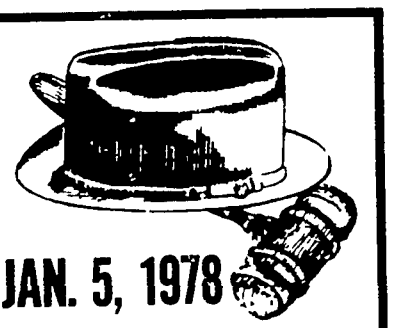
Vacuum transfer station with 100 ft. SS line, Mueller automatic tank washer, Quaker 50 gal. elec hot water heater, like new Four Surge SS milker units.

Terms Cash or Approved Check on Day of Sale.

Owners:
MR. & MRS. JULIUS O. C. POST
Kingsley, PA 18826

M L. Bunnell, Auctioneer and Sales Manager
Albert W. Smith, Pedigrees
965-2481

HAT & GAVEL AUCTION CO.



1 Mile North of Lititz on Route 501

THURS. EVE., JAN. 5, 1978

5:30 P.M.

COLLECTIBLES & HOUSEHOLD

NOTICE

Closed for receiving goods on Monday, Jan. 2.

We are now accepting consignments for our Antique Sale, Sat., Jan. 21, 1978

WE SPECIALIZE IN PUBLIC AUCTIONS, ESTATES AND ANTIQUES

WILBUR H. HOSLER

306 Owl Hill Road, Lititz

Harold K. Galebach, Partner

HAT & GAVEL AUCTION CO. SELLS ON COMMISSION — CALL 626-0254

Receiving Hours: Monday, Noon to 9 P.M.; Wednesday, 9 A.M. to 5 P.M.; Tuesday, Pickup Day.

Positively No More Garage Sale Leftovers Will Be Received

PUBLIC SALE

OF FARM EQUIPMENT, ETC.

The undersigned quitting farming will sell on the farm located 7 miles East of Shippensburg, Cumberland Co., Pa., 1 mile South of Walnut Bottom and Rte. 174, watch for signs in Walnut Bottom on

SATURDAY, JANUARY 7, 1978

Sale at 10:30 A.M.

3 TRACTORS — FARM EQUIPMENT — TOOLS

1974 Model John Deere 2520 diesel, dual hydraulic, good rubber, 1800 hrs.; J.D. 730 diesel with hyd., 3 pt. hitch; N.I. loader with hyd. bucket for the 730 and others; J.D. F-125, 3-16 inch plow; Oliver 2-14 in. hyd. trailer plow; Massey Harris 333 tractor on steel; J.D. F-950 cultimulcher, 12 ft., like new; J.D. 1240 plateless 4 row planter; J.D. FBB 15x7 drill; J.D. 336 baler with thrower, new this season; N.H. 490 - 12 ft. haybine; N.H. 718 forage harvester, 2 row head, cut 60 acres; N.H. No. 8 crop carrier forage wagon with roof, like new; N.H. 24 foot elev. with motor; N.H. 518 spreader with hyd. endgate; N.I. 213 spreader, N.I. 323 corn picker; 5 wagons with bale racks; 1 with 30 inch corn sides; A.C. table blower, belt drive; J.D. and Case 4 bar rakes on steel; J.D. fluffer; 4 hyd. cylinders; Lincoln 225 welder, Campbell air compressor with paint sprayer, Wizzard battery charger 6-12 volt, ½ inch reversible electric drill, ¼ in. drill, 30 ton hyd. jack, general line of tools, chains, block and tackles, elec. fencer, brooms, shovels, forks, 40 ft. extension ladder, wood saw buck, snow blower for lawn tractor, etc.

DAIRY EQUIPMENT — SILAGE — HOUSEHOLD ITEMS

Surge S. P. 22 pump; 3 - 40 lb. pails Surge units, elec. pulsation; Bender dump station, carrying pails, strainers, fogger, feed cart, 2 wheelbarrows, good corn silage by the foot in 14 ft. silo, breakfast set with six chairs, sofa, bed, cabinet; Household items sell first.

Terms: Cash; Lunch stand reserved.

ERVIN Z. SHIRK
Shippensburg, Pa.
R.D. 2
Ph: (717) 532-3755

Auctioneer:
Ralph Horst

PUBLIC SALE

OF MODERN BUTCHER & STORE EQUIPMENT, TRUCKS

MONDAY, JANUARY 2, 1978

9:00 A.M.

Located at 3655 Orkney Road - ½ mile North of Mountville, Pennsylvania, Old Route 30 turn at Hollinger I.H.C. Garage. Between Silver Springs & Mountville, W. Hempfield Twp.

60x56 BLOCK BUILDING
to be removed by April 1, 1978
'70 CHEVY #30 STEP-IN VAN
w/refrigerator & shelving
'69 CHEVY #30 1-TON PICKUP
truck & refrigerator box
'65 CHEVY #20 1½-TON CATTLE TRUCK
27' McCray
UPRIGHT FROZEN FOOD & PRODUCE CASE & UNITS
(2 months old)

20' Hill meat display case, Kelvinator ice cream freezer chest, Master Bar-B-Que machine, #52 Hobart & #22 Toledo meat grinders, Hobart 16" & Butcher Boy band saws, 100 lb. meat mixer, Toledo cube steak machine, 2 S.S. Ziptyers, Stancase sausage stuffer, Hollymatic patty machine w/traveling table, Wellsaw M444 beef splitter, 8x10 walls in freezer, Goble & U.S. meat slicers, U.S. meat stacker, Hobart meat scale, computing scales, ham presses, 1000 lb. Detecto dial scale, 600 lb. hanging scale, 3 air conditioners, 1 ton elect. chain hoist, S.S. & meat carts, butcher gas furnace, butcher blocks, 5 meat cutting tables, Philco baking ovens, meat block cabinet, stunning gun, steels, cleavers, knives, freezing baskets, S.S. trays & pans, meat hooks, beef & hog spreader tracks & rollers, metal doors, York water cooled w/compressor, cold plate holding unit for truck, tape dispensers, national adding machine, steel killing pen, iron butcher cradle, S.S. wash bowl w/sterilizer, inspection table, portable pressure washer, Modine heaters, Mary Carter paint & sign, Red Devil paint shaker, hog scrappers & chains, scalding troughs, wall clocks, paper bags & rolls, office desks, groceries & shelving & carts, motors, filing cabinet, sub pump, Electro-Pak heating unit, oil tank, radio & speakers, awnings, fan on stands Regina rug shampooer, fluorescent lights, pole w/dustdown light, and many other items too numerous to mention. Building & trucks sold at 1:00 P.M.

H. (Abe) SHAFFNER — 653-5689
C. H. WOLGEMUTH, Aucts.

Sale by:
NACE QUALITY MEATS
FOOD STAND

Public Sales Register

SAT DEC 31 - 1 P M Farnsworth Dispersal of Holsteins, Machinery, Produce and Farm for Rent or Lease Located on Rt 287, 1 mile from Middlebury, Pa , 6 miles from Wellsboro, Pa , 10 miles from Tioga, Pa Dean and Mary Farnsworth, Owners Auctioneer Arlow Kiehl

JANUARY

TUES JAN 2 - New Year's Day Antique Auction at the Farmersville Auction located at Farmersville, 3 miles East of Brownstown, Lancaster County Sale by John J Rutt

MON JAN 2 9 A M Public Sale of Modern Butcher & Store Equipment, and Trucks Loc at 3655 Orkney Rd ½ mile North of Mountville, Pa Old Rt 30 turn at Hollinger IHC Garage Between Silver Springs & Mountville W Hempfield Twp Sale by Nace Quality Meats C H Wolgemuth, Auctioneer

MON JAN 2 12 Noon Dairy Herd and Dairy Equipment Dispersal Sale Located at Orrstown, Pa , Franklin Co 4 miles Southwest of Shippensburg Take Orrstown Rd off Rt 11 in Shippensburg Sale by Mark E Garman Arthur Rife, Auctioneer

TUES JAN 3 - Hickory Hill Farm Angus Herd Dispersal, Located at Cowanesque Livestock Market, Rt 49, Knoxville, Pa Captain & Mrs Wilbur, Owners Clyde Beard and Son Auctioneers

WED JAN 4 - 9 30 A M Consignment Sale located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster County, Pa Watch for sale sign Tractors, Farm Machinery, Horse Drawn, Implements, New Tools and Hardware Sale by David H Good Auctioneers F Snyder, R Martin, C Wolgemuth, J Fry, L Horst

WED JAN 4 Bred Gilt Sale Held at New Holland Sales Stables John Stoltzfus, Owner

WED JAN 4 - 1 P M Wesley Simpson, Sr , Carthage, NY Dairy Dispersal Located at Whitney Point Sale Barn on Rt 11 Whitney Point, NY Whitney Point is exit 8 off Rt 81, 20 miles North of Binghamton, NY Mel Manasse Sale Mgr & Auctioneer

THURS JAN 5 - 5 30 P M Large Antique Sale at the Hat & Gavel Auction Co , located one mile North of Lititz along Rt 501 Auctioneer Wilbur H Hosler

THURS JAN 5 - 12 00 noon Holstein Dispersal Sale 2 Herds of Registered and High Grade Holstein Dairy Cows at Melvin Kolb Inc , Maryland Barn, Located ½ mile NW of Woodsboro on Rt 550 in Frederick Co , MD Robert Mullendore Auctioneer

FRI JAN 6 - 10 30 A M 1978 First Big Auction - Sleve Farm Dispersal at Bradford, NY off Rt 226 between Savona and Dundee (take exit 40 from new Rt 17 Expressway), 15 miles from Bath, 20 from Corning Owned by Mr & Mrs Joseph Sleve Rumsey Sales

FRI JAN 6 11 00 A M Special Draft Horse and Mule Sale Sale held at New Holland Sales Stables Managed by Norman Kolb and Abe Diffenbach

FRI JAN 6 - 1 P M Machmer's Complete Herd Dispersal, Produce and Milk Equipment Located 3 miles Southwest of Canton, Pa , Tioga Co Paul H & Emma E Machmer, Owners D O Rockwell & Assoc

FRI JAN 6 - 5 30 P M Gap Auction Located off Rt 41, Lancaster Ave , opposite Turkey Hill Minute Market, cross RR bridge Ira Stoltzfus and Son, Auctioneers

SAT JAN 7 - Public Sale of Farm Implements & Household Goods Located 2 mi North of village of Bowmansville, in Lancaster Co Sale by Robert E Fisher Auctioneers LeRoy S & Paul W Horst

SAT JAN 7 - 10 A M Public Sale of Antiques and Household Goods Location Going North follow Rt 472 North from Rt 1 to Spruce Grove Rd , turn West, cross reservoir twice, turn right at stop sign, then take first paved road to right, School House Lane, turn left onto dirt road first farm on right Going from Quarryville, 4 miles South on Rt 472 West, 1 mile on Noble Rd , left to Ground Hog Lodge, thru covered bridge, turn left first paved road, second place on left Sale by Rodney, Pamela and Sylvia Charlesworth Auctioneers Lloyd H Kreider and Randall B Kline

SAT JAN 7 1 P M Higley's Complete Herd Dispersal, Machinery & Equipment Located 13 miles Southeast of Canton, Pa , 1 mile East of Shunk, Pa , 8 miles West of Estella, Pa , Sullivan Co , ½ mile off Rt 154 Darwin and Phyllis Higley, Owners D O Rockwell & Assoc

SAT JAN 7 - 12 30 P M Public Sale of 33 Registered Holstein Milk Cows located 3 miles West of 167, Susq Co Sale by Julius O C Post, Brooklyn, Pa M L Bunnell, Auctioneer and Sale Manager Albert W Smith, Pedigrees

SAT JAN 7 - 9 30 A M Public Sale of Valuable Farm Machinery Located on the premises, 3 miles Southeast of Sinking Springs or 3 miles Southwest of Shillington on Gelsinger Rd in Spring Twp , Berks Co , Pa Terms by Ralph Nuss Paul Bixler, Auctioneer

SAT JAN 7 - 12 P M Public Sale of 4 Tractors and Farm Equipment located West of Lancaster at the 230 and I 283 Junction across from Paul's Trailer Sales From Lancaster on I 283 take the Mt Joy exit, from Mt Joy take the Salunga exit Look for sale signs Sale by Robert Shonk, C H Wolgemuth and H Shaffner, Auctioneers

SAT JAN 7 10 30 A M Public Sale of Farm Equipment Located 7 miles East of Shippensburg, Cumberland Co , Pa , 1 mile South of Walnut Bottom and Rt 174, watch for signs in Walnut Bottom Sale by Ervin Z Shirk Ralph W Horst, Auctioneer

SAT JAN 7 - 10 A M Public Auction of Tools Located on South Vintage Rd , follow Rt 896 between Green Tree and Nine Points and turn North on South Vintage Rd Sale by James C Johnson, Jr Auctioneers Ira Stoltzfus and Son and Jay Leary

SAT JAN 7 - 12 30 P M Naples, New York (Ontario County) Estate of Blanche Bleyer Real Estate and Household Auction Real estate sells to high bidder at 1 15 P M sharp! Auction by James and Victor Pirrung Wayland, N Y 716-728-2520

SAT JAN 7 - Public Sale of Household and Farm Machinery Located along Rt 662, ½ mile south of Yellow House junction of Rt 562 and 662, Amity Twp , Berks Co , Pa Sale by Henry Body John D & George D Frey Frey Auctioneers

SAT JAN 7 - 10 30 A M Estate of Front End Loader, Tools, Trailer, Truck and Car Located at 7349 Tred Avon Rd , off Oliver Beach Rd , (take Eastern Ave MD Rt 150 east of Ebenezer Rd to Oliver Beach Rd) Baltimore Co , MD Sale by Janette Routh, Personal Representative William H Amoss, Auctioneer

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PUBLIC SALE

OF VALUABLE FARM EQUIPMENT
SATURDAY, JANUARY 14, 1978
10:30 A.M.

Located in Lower Herdelbery Twp., Berks Co., PA. About 3½ miles north of Sinking Springs and about 1 mile east of the Village of State Hill along Wagner Rd. Watch for sale signs on day of sale.

FARM EQUIPMENT

Case 1070 diesel tractor with 1975 hours in good condition; Case 400 tractor with 2 row NI corn picker; Case 660, 10 ft. self-propelled combine; 5 bottom trip MF plow; 2 Case plows 2 and 3 bottom, 3 pt. hitch; JD 9 ft. cultimulcher; Case 555 haybine; 5 wagons, 2 with high sides, 1 with hydraulic, 2 other wagons; 2 wheel trailer; 200 gal. Century trailer type field sprayer; other sprayer; NH 282 baler with thrower; NH manure spreader; pleasure sleigh; 2 horse sleigh with box; 21 ft. stationary grain elevator; 1 ton round 12 hole hog feeder; 1 ton round feed bin; Case 6 ft. mower; faning mill; straw bench; pig crate; 5 ft. horse mower; spike harrow; grass seeder; Marlo 3 unit milker; 60 ft. of new Starline stable cleaner; blacksmith outfit; hammer mill; electric fencers; lot of electric fence wire; cow chains; milk cans; s.s. strainer; 220 electric heater; brooder stoves; oil drums; spring seat; grain cradle; gas pump; 3 walking plows; single cultivator; single and double trees; harness; and other items used on a farm.

1½ ton 1964 Chevy truck with dual wheel and cattle rack in running order.

Sale at 10:30 A.M.

Conditions by:
GEORGE & MARY KRATZ

Auctioneers:
Paul E. Bixler and Gerald G. Kramer
Lunch Available

PUBLIC SALE

OF FARM IMPLEMENTS AND HOUSEHOLD GOODS
SATURDAY, JANUARY 7, 1978
At 11:00 A.M.

Located on east side of Rt. 625 approx. 2 miles north of the village of Bowmansville, Lancaster County, Pa.

JOHN DEERE 530 TRACTOR

with live PTO power steering and 3 pt. hitch; JD 2 row corn planter; JD #5 semi mounted grass mower; JD 3 pt. field sprayer; Massey Ferguson #66 - 2 - 16 mounted plow; Prairie 24 transport disc; Woods Bros. corn picker, also 1 for parts; Massey Harris 20A grain drill; David Bradley rubber tired wagon with 3 ft. sides, also set of silage side and end gate; Papec cutter; Massey Ferguson S-60 chopper; 8 ft. Dunham cultipacker; Oliver 270 manure spreader; Imco 5 ft. 3 pt. blade; 2 section harrow; McCormick PTO hammer mill; wagon bed; 4 hole Smidley hog feeder; 2 hole Pax hog feeder; 600 tobacco lathe; hog troughs; used fencing; 2 rolls barbed wire; bolts; pipe fittings; 2 hammermill belts; cast iron cattle trough; small step ladder; mailbox; hog waterer on barrel.

10 TON EAR CORN

5 Ton Mixed Hay - 3 Ton Straw - Oats

ANTIQUE FARM KITCHEN TABLE

with center support, 4 extension boards and 5 antique kichen chairs, beautifully refinished, dry sink; dough tray; small corner cupboard with glass door; Early American sofa; Lazy-Boy reclining chair; platform rocker; Samsonite folding chairs; 2 pc. bedroom suite, pole lamp; new Perfection space heater; 2 braided 9 x 12 rugs; book case; rug runners; typewriter stand; candle lamp; kerosene lamp; pillows; 2 quilts; lots of children's toy furniture, etc.; end table; silverware box with 4 drawers; silverware; set of Boonton dishes; portable mixer; stainless steel cookware; frying pan, other dishes; porch rocker; redwood picnic table set, lawn folding chairs; barbecue grill.

Terms By:
ROBERT E. FISHER

LeRoy S. Horst and Paul W. Horst, Auctioneers
Refreshments Will Be Served

HICKORY HILL FARM
ANGUS HERD DISPERSAL
TUESDAY, JANUARY 3, 1978

Located at Cowanesque Livestock Market, Rt. 49, Knoxville, PA.

Selling 35 head mature cows and heifers with regular sale.

Owners:
Captain & Mrs. Wilber
Columbia Cross Roads, PA

Auctioneers:
Clyde Beard & Son
Cowanesque Livestock Market
Knoxville, PA
814-326-4188

PUBLIC AUCTION

TOOLS
SATURDAY, JANUARY 7, 1978
Starting at 10:00 A.M.

Located on South Vintage Road. Follow Route 896 between Green Tree and Nine Points and turn north on South Vintage Road.

Acetylene torch, gauges and cart, 225 amp. Miller elect. welder, platform scales, steel rack and new and used steel, parts cart, ½" Champion blower drill press on floor stand, bench grinder on table, 2-3/8" elect. drills, 1½" elect. drill, bit sharpener, concrete mixer, wrought iron twister w/reduction gear and elect. motor, cable com-A-long, pipe clamps, C-clamps, work benches, channel iron anvil, car ramps, jack stands, 1½ ton Walkor floor jack, portable cont. heater, stands, bolt bin, Sprunger steel cutting band saw, 2 hp. craftsman air compressor, air hose, ext. cords, pipe vise, bench vise, welding cable, acetylene hose, 4 x 8 heavy duty work bench, welding rods, disc grinder, steel horses, welding table w/steel cutter and vise, 1 ton chain hoist, skill saw, P-20-Pioneer chain saw, 2 paint spray guns, Some body working tools, sander for body work, bag wagon, a few hand tools, and other misc items you would find in a welding shop Most of the above mentioned items were used only a few years and are in good condition

1969 CHEVY PICK-UP, with 350 motor, stick shift, 50,000 miles, Good Condition

Snow Storm Date — JANUARY 14th

Sale by:
JAMES C. JOHNSON, JR.

Auctioneers
Ira Stoltzfus & Son 442-4936 or 442-8254
Jay Leary 354-0423
"List your sale today - with Ira, Dale or Jay"

PUBLIC SALE

OF VALUABLE FARM MACHINERY
SATURDAY, JANUARY 7, 1978
9:30 A.M. Sharp

On the premises located 3 miles southeast of Sinking Springs or 3 miles southwest of Shillington on Gelsinger Rd. in Spring Twp., Berks Co.

DIESEL TRACTORS

JD 4020 4 wheel drive, dual hydraulic, 1100 hours; JD 830 tractor with 225 hours and front end loader; Ford backhoe and loader; MF 65 diesel with corn picker.

GAS TRACTORS

Farmall M; Farmall Super H with loader; Farmall fast hitch 200; Allis Chalmers WD 45 and WD and CA with cultivator; Allis Chalmers Model E Gleaner combine; Glencoe chisel plow, like new; JD No. 35 harvester with 2 rowhead; JD No. 336 baler with thrower; JD 17 disc grain drill; JD 32 blade KBA transport disc and 12 ft. transport disc.

2 New Holland chuck wagons; 3 - 8 x 16 ft. bale throw wagons, like new; 3 New Idea manure spreaders; JD snow plow - roll guard and dual rear wheels and tires; JD cultipacker harrow, 3 point hitch; bale and grain elevators; NH 258 side rake;

1964 Chevy truck with 16 ft. grain bed; McCormick 28 blade disc; platform scale;40' alum. ladder; Cunningham flail chopper; forks and shovels; 70 ft. rubber 6" belt; cattle dehorner; feed bins; air compressor; 2 ton chain hoist; rope and tackle; water trough; used lumber; pipes; old milk cans; lots of nuts and bolts; butcher equipment; Hobert electric meat slicer; log and tow chains; Silver King chain saw. Many other articles used on a large farm too numerous to mention 1 pr 15-5-38 used tractor tires Also, different size tractor & truck tire chains

Terms by:
RALPH NUSS
Ph. (215) 678-2472

Paul Bixler, Auctioneer
Lunch will be served
SNOW DATE, TUES , JAN 10, 1978
Not Responsible For Accidents

Public Sales Register

MON JAN 9 & TUES JAN 10 - Pennsylvania Landrace Association Farm Show and Sale at the Harrisburg Farm Show Building in the small arena, Harrisburg Penna Show at 3 30 Monday and Sale at 10 A M on Tuesday Selling 28 Bred Gilts For Catalogs write to Larry G Baum Secretary-Treasurer Penna Landrace Assoc , R5, Box 280 Elizabetntown, Pa or Jay D Blatt, President, R2, Annville, Pa 17003

TUES JAN 10 - 11 00 A M Public Sale of 108 Holsteins and Machinery Located off Rt 41 at McGraw NY, 7 miles from Cortland Owned by Terry Brown Rumsey Sales

THURS JAN 12 2 P M Public Sale of 85 Acres of Land (12 acres on N side of Rt 30 zoned RR and 73 acres South side of Rt 30 and Mount Vernon Road zoned RRN commercial) Located along Rt 30 East of Gap on Gap Hill and Mount Vernon Road, Lancaster County Pa Land will be offered separately or together Terms by Walter Chittich Robert E Martin and Frank L Steller, Auctioneers

THURS JAN 12 - 7 P M Public Sale of Atglen Stone ranch type dwelling located off Rt 23 between New Holland and Leola in Groffdale Lancaster County Pa Terms by Linda R Zirkle and Evelyn A Goss Robert E Martin and Frank L Steller, Auctioneers

THURS JAN 12 7 P M Public Sale of Valuable Real Estate An Atglen Stone Ranch type dwelling located along Rt 23 between New Holland, Leola, & Groffdale, Lanc Co , Pa Terms by Linda R Zirkle & Evelyn A Gross Auctioneers Robert E Martin - 717-656-7770 & Frank L Steller 717 656 8195 Attorney Bruce Ryder

THURS JAN 12 - 2 P M Public Sale of Valuable Land Located 15 mi E of Lanc on Rt 30 & Mt Vernon Rd on Gap Hill, Lanc Co Pa Terms by Walter F Chittick, Jr Auctioneers Robert E Martin 717 656 7770 & Frank L Steller 717 656 8195 Attorney Arthur Schramm

FRI JAN 13 1 P M Our Annual Winter Swine Sale Located in Bevertown, Pa Sale by Brooks End and Par Kay Farms Reno Thomas, Sale Manager

FRI JAN 13 11 00 A M Public Auction of Farm Equipment, Potato Equipment Concrete Equipment Between Kutztown and Reading, turn west off Rt 222 at Moselem Springs Hotel onto Rt 562 for 2 miles toward the village of Moselem Springs Berks Co , PA Sale by Leon Seyler Sale Conducted by Ralph W Zettlemoyer Auction Co

SAT JAN 14 10 30 A M Public Sale of Valuable Farm Equipment Located in Lower Heidelberg Twp , Berks Co , Pa About 3½ miles North of Sinking Springs and about 1 mile East of the Village of State Hill, along Wagner Rd Conditions by Mary and George Kratz Paul E Bixler and Gerald G Kramer, Auctioneers

SAT JAN 14 10 30 A M Bath, N Y St Pierre's all day auction of new 19 ft luxury boat, J D 112 lawn tractor, new cement mixer, shop items plus complete line of excellent household items! Owned by Mr and Mrs Armand St Pierre Auction by James and Victor Pirrung Wayland, N Y 716-728 2520

SAT JAN 14 11 00 A M Public Sale of Farm Equipment and Trucks Location Going from Middletown, DE to Warwick, MD on 301, take first road to left, first farm on right Owner Samuel H Brooks C T Scuse and Sons Auctioneers

SAT JAN 14 10 00 A M Public Sale of Real Estate, Antiques, Household Goods, Jewelry and Watches Located at 619 Hamilton St , Lancaster, PA (1 block west of New Holland Ave between Franklin & Reservoir Streets) Sale by John J Kirchner Howard Shaub and Roy C Probst Auctioneers

SAT JAN 14 9 00 A M Public Auction Complete Dispersal of Lawn Mower Dealership, New Mowers, Trail Bikes, Shop Equipment, Tools, Pickup & Household Furnishings Located at 9622 Pulaski Highway, US Rt 40, Baltimore Co known as Burall's Lawn & Ski Tractor Equipment, Inc (North east of the Beltway and app 2 blocks from the intersection of Middle River Rd & US Rt 40) William H Amoss Auctioneer

WED JAN 18 - 9 30 A M Consignment Sale located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster County Pa Watch for sale sign Tractors, Farm Machinery, Horse Drawn Implements New Tools and Hardware Sale by David H Good Auctioneers F Snyder, R Martin, C Wolgemuth, J Fry, L Horst

THURS JAN 19 - Horst Machinery Sale at Marion, Pa Ralph Horst, Manager

FRI JAN 20 8 P M Cow Sale at the Black & White Holstein Farm, Lancaster, Pa across from the Comet Drive in Theatre or ¾ mile West of breeding unit Charles C Myers, Owner

SAT JAN 21 - Harold Culbertson Farm Equipment Dispersal, near Chambersburg, Pa Ralph W Horst, Auctioneer

PUBLIC SALE

OF HOUSEHOLD & FARM MACHINERY ON

SAT., JAN. 7, 1977

Located along Rt 662, ½ mile south of Yellow House junction of Rts. 562 & 662, Amity Twp, Berks Co

4 Farmall Super M tractors-all/good rubber, paint-1 w/live hyds, NI 323 corn picker, JD 494A 4 row corn planter Century weed sprayer (used 1 time), Grove & McCurdy gravity boxes on running gears, 12' Cardinal elevator, Myrath 11' x 6" grain auger, Grove dump elevator, 2 IH #60 3 btm hyd lift trip type pull plows, IH 3 btm pull plow, JD 12' harrow, 3 IH 7' & 9' heavy duty discs, (like new), double roll cultipacker, hyd cylinders, 175-250-300-350 gal gravity & pump duel tanks, wide frt end for Farmall, tire & log chains, saw buck, false end gated large hot air coal furnace.

Majestic cook stove, Caloric parlor heater, 5 press back chairs, extension table, oak side board, kitchen cabinets, beds, dressers, bureaus

SOLD FOR DONALD ADAM

NH #67 PTO baler w/engine thrower, NH516 PTO 3 beater manure spreader, Little Giant 38' elevator w/corn drag, Ford 3 pt. 2 row corn planter, Ford semi-mtd corn picker, OK engine driven harvester w/corn & grass head, Ford 3 pt 5' rotary mower, Oliver 12 disc grain drill, IH #6 hammer mill, JD hay crimper, IH 3 btm trip type pull plow, double row cultipacker, 2 rubber tire wagons, DB garden tractor, cannon corn sheller

SOLD FOR HENRY BODY

BE ON TIME — NOT MANY SMALL ITEMS

Household at 11 00 A M

Farm Machinery at 12 Noon

Auct
John D &
George D Frey

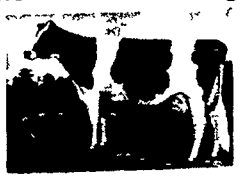
Refreshments on premises

MACHMER'S

COMPLETE HERD DISPERSAL

PRODUCE — MILK EQUIPMENT

Location: 3 miles Southwest of Canton, Pa., Tioga County. (Auction Signs from Cedar Ledge, Pa.)



FRIDAY, JAN. 6, 1978

AT 1 O'CLOCK

- BLIZZARD DATE -

WEDNESDAY, JAN. 11

35 HEAD SUPER SIRE POWER GRADE HOLSTEIN DAIRY CATTLE SELL 35

21 young milking age animals selling, the kind that will please the most critical buyer. Mostly all fresh, some bred back for Fall freshening. 12 Open Heifers - all breeding age, 2 Started Heifer Calves. Sire Power breeding 30 years - Sire and Dam indentification on all.

Interstate Tested Pregnancy Checked
Inoculated for Colds

MILK EQUIPMENT

Two DeLaval magnetic milker units, extra large DeLaval milker pail, s.s. strainer, DeLaval milker pump.

PRODUCE

Est. 3500 bales choice first cutting, Est. 900 bales second cutting. Hay sold in lots; Est. 40 tons ear corn; 14x50 silo corn silage.

TERMS: Cash - Approved Personal and FHA Checks.

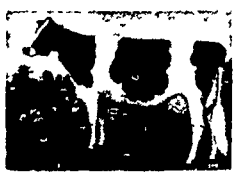
PAUL H. & EMMA E. MACHMER, Owners

HIGLEY'S

COMPLETE HERD DISPERSAL

MACHINERY & EQUIPMENT

Location: 13 miles Southeast of Canton, Pa., 1 mile East of Shunk, Pa., 8 miles West of Estella, Pa., Sullivan County (one half mile off Rt. 154)



SATURDAY, JAN. 7, 1978

AT 1 O'CLOCK

BLIZZARD DATE -

TUESDAY, JAN. 10, 1978

37 HEAD SIRE POWER BRED CATTLE SELL 37

5 REGISTERED — 32 GRADES

30 good milking age animals with a lot of dairy quality Many fresh or close springers by sale date, balance early spring; 6 bred back for fall freshening; 7 started heifer calves.

DHIA RECORDS INOCULATED FOR COLDS
INTERSTATE TESTED PREGNANCY CHECKED

MACHINERY

Gehl 600 CB chopper with 2-row corn head and pickup head, NH flail chopper, AC blower with pipe (used one season), Lamco forage wagon (used one season), hay elevator, grain drill, two 3-section harrows, 16-ft feeder wagon, 60-ft. mow conveyor, Ford 105 mower, Myers hay crusher, Ford 1956 62-passenger school bus, cow clippers, cow stanchions and dividers, 55 gallons 20-40 motor oil.

PRODUCE

Estimated 2500 bales of good quality hay, sold in 2 lots; quantity of ear corn

MILK EQUIPMENT

400 gallon Zero bulk tank, 3 DeLaval magnetic milker units

Rupp Rally 440 Snowmobile

TERMS: Cash - Approved Personal and FHA Checks.

DARWIN AND PHYLLIS HIGLEY, Owners

D. O. Rockwell & Associates, Sale Managers
Troy, Pa. Phone 717-297-3460

ANTIQUE SALE FARMERSVILLE AUCTION

Monday, Jan. 2, 1978

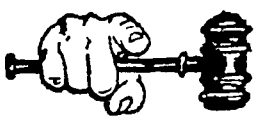
9 A.M.

In Farmersville, 3 mi. East of Brownstown, Lancaster Co., PA.

3 corner cupboards; 3 bedroom suites (2 oak & 1 cottage); square Queen Anne china closet; library table; 60 milk cans; cane seat high chair; blanket chests; cane seat chairs; oak drop leaf table; large oak wardrobe; Victorian table; marble top dresser; O.G. mirrors; record player; clocks; trains (1 Lionel Standard); toys; dolls; guns; coins; 25 cream pitchers; depression glass; German dishes; Lancaster pocket watch; Seeing Eye plate; 1840 deed from John Vogan, founder of Voganville; kerosene lamps; sponge dish; childs wicker rocker; tools; etc. This is a very brief list.

We sell on Commission.

Call: **JOHN RUTT**
717-354-5095



PUBLIC SALE

OF VALUABLE LAND ZONED RR COMMERCIAL & AGRICULTURAL 85 ACRES

THURSDAY, JANUARY 12, 1978

2:00 P.M.

Located 15 miles East of Lancaster on Rt. 30 & Mt. Vernon Rd. on Gap Hill, Lancaster Co., Pa.

AUCTIONEER'S NOTE: 11 acres on North side of Rt. 30 with 1300 ft. frontage, zoned RR and will be offered. 74 acres on South side of Rt. 30 & Mt. Vernon Rd., zoned RR Commercial & Agricultural with over 2000 ft. of road frontage. Will be offered separately or together. This property is at high elevation & overlooking the countryside. For information call 717-656-7770.

Terms: 10% down day of sale, balance on or before April 1, 1978.

Terms By:

WALTER F. CHITTICK, JR.

Auctioneers: Robert E. Martin
717-656-7770
Frank L. Steller
717-656-8195

Attorney: Arthur Schramn

PENNA. ALL BREEDS

BRED GILT SALE

TUESDAY & WEDNESDAY JANUARY 10-11, 1978

Farm Show, Harrisburg, Penna.

For catalogues contact:

BERKSHIRE: Arlie Cornblower
R1, Box 41, New Freedom, Pa. 17349

CHESTER WHITE: Charles Greist
RD 1, Abbottstown, Pa. 17301

DUROC: Rick Pfautz
R1, Stevens, Pa. 17578

HAMPSHIRE: Dean W. Fetterolf
RD 1, Box 314, Centre Hall, Pa. 16628

LANDRACE: Larry Baum
R3, Box 609, Elizabethtown, Pa. 17022

POLANDS: Ron Trostle
RD 2, Red Lion, Pa. 17356

SPOTS: Clair Hartman
RD 1, Box 222, Gratz, Pa. 17030

YORKSHIRE: Leon L. Arnold
R1, Box 54, Lebanon, Pa. 17402

AUCTIONEER:
Harry Bachman
Annville, PA 17003

Public Sales Register

SAT JAN 21 - 10 A M Antique Sale at the Hat & Gavel Auction Co located one mile North of Lititz along Rt 501 Auctioneer Wilbur H Hosler

SAT JAN 21 - 1 P M Special Horse Sale at the Danville Livestock market, located Old Rt 11, Danville, Pa Owner Bob Biel

SAT JAN 21 - 11 A M Public Sale of 7 Acre Tract of Ground with Lovely Spacious Ranch Dwelling Home Located 9 miles North of Gettysburg on New Rt 15 at Heidlersburg exit take Rt 234 - East 2/10 mile then turn South 1 mile along the paved road leading to New Oxford, in Tyrone Twp , Adams Co , Pa Sale by Raymond E Goff C R Slaybaugh, Auctioneer

SAT JAN 21 - 10 A M Public Sale of Valuable Antiques and Household Furniture located in New Holland at Liberty Fire Hall Terms by John S Everly Robert E Martin and Frank L Steller, Auctioneers

SAT JAN 21 - 10 A M Public Sale of Valuable Antiques & Household Goods Located along Rt 23 in New Holland at the New Holland Liberty Fire Hall Terms by John S Eberly Auctioneers Robert E Martin - 717-656-7770 & Frank L Steller - 717-656-8195

SAT JAN 21 - 10 30 A M Sharp! Avoca, (Steuben County), New York Olmsted all day dispersal of antiques, furniture, machinery, cattle, automobiles, steel grain bin, all produce, etc ! Write for details! Mr and Mrs Melford Olmsted, Owners Auction by James and Victor Pirrung Wayland, N Y 716-728-2520

SAT JAN 21 - 10 30 A M Public Sale of Cabinet Shop Tools and Materials To be held in the Village of Ronks, Lancaster Co , Pa at the fire house, located 9 miles East of Lancaster, ¾ mile North of Rt 30, ½ mile South of Rt 340 on Ronks Rd Terms by Elem L Stoltzfuz Steve Petersheim, Auctioneer

TUES JAN 24 - 1 30 P M Public Sale of 90 Acre Farm in Lancaster Co Located 3 miles East of Intercourse, along Rt 340 Terms by H S Lapp Steve Petersheim, Auctioneer

THURS JAN 26 - Hall and Love Farm Equipment Dispersal, near Shippensburg, Pa Ralph W Horst, Auctioneer

SAT JAN 28 - 12 Noon Sharp Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg 5 miles West of Selinsgrove, Pa Don and Walt Keister, owners Larry Long, Auctioneer

SAT JAN 28 - 10 A M Auction Sale of Inventory of Siloam Farms, Inc , Hog Equipment Located on the premises of Siloam Farms, Inc on the North side of the Siloam Rd , situated in the Trappe Election District of Wicomico Co , Md Take U S Rt 13 to Fruitland and watch for sale signs Marva Production Credit Association Pete Richardson, Auctioneer

FEBRUARY

SAT FEB 4 - 11 A M Harlan M Martin - Hackman Rd , RD 1, Ephrata, Pa Horning Farm Agency, Inc Elton & Alvin Horning, Auct

SAT FEB 4 - 1 P M Sale of Bred and Open Gilts and Boars Sale by PA Yorkshire Club Abe Diffenbach, Auctioneer

SAT FEB 4 - Public Sale of Valuable 4 7 Acre Horse or Truck farm Located along Wallops Hill Rd , leading from Stevens to Blue Lake next to Pa Turnpike, West Cocalico Twp , Lancaster Co , Pa Sale by David and Audrey Wyble H H Leid Auction Service

THURS FEB 9 - Public Sale of Farm Equipment Located West end of Long Lane Rd , 2 miles off Rt 625, midway between Terre Hill and Matinsdale, app 1 mile East of Martindale in Lancaster Co , Pa Sale by Ivan M Hurst LeRoy S Horst and Paul W Horst, Auctioneers

THURS FEB 9 - Public Sale of Housenold Goods, Farm Equipment & Livestock Located 1½ mi N of Rt 23 in Leola on Quarryville Rd Terms by Joe S Glick Auctioneers Robert E Martin - 717-656-7770 & Frank L Steller - 717-656-8195

FRI FEB 10 - 1 P M 73 Acre farm, 40' x 90' Barn, 20' x 60' Star silo, Large Brick and Frame House - Zoned 20,000 Sq Ft Located along Esbenshade Rd , 1 mile N of 283 R D #2 Manheim, Rapho

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PUBLIC SALE

SATURDAY, JANUARY 7, 1978

At 12:00 P.M.

4 - TRACTORS — FARM EQUIPMENT

Located: West of Lancaster at the 230 & I-283 Junction, across from the Pauls Trailer Sales. From Lancaster on I-283 take the Mt. Joy Exit, from Mt. Joy take the Salunga exit. Look for sale signs.

560 Farmall Diesel, w/new tires; 400 Farmall, 300 Farmall, 65 Massey Ferguson w/loader (just overhauled), IH 700 2 or 3 pt. 4 B 16" auto-reset plow, JD 3 B. tripback plow, IH 37 Trans. Disc, Two 10 ft. cultipackers, Harrow, 2 row Mc. pull-type corn planter, Ontario 16-disc drill, IH 2-pt. mower, knives, NH 77 Baler, side rake, Smoker elevator, flatbed wagons, JD 15 chopper, Mc. 35 Spreader, two 3 B disc plows, 2-row Stauffer transplanter, field sprayer, 4 tob. wagons on rubber, hoers, 2 presses, 14,000 lath, 2 heatrolas, 50 locust posts, New cub tire, 85 Bu. hog feeder, Pickup rack, wh. barrow, wire, 2 screw jacks, cylinders, belt, heavy log chains, JD plow parts, iron, new window frames, lumber, tires.

8-36 Dynamack riding mower, air comp., pump trough, lots of spouting, platform scales, gas tank, hand sprayer, elec. water heater (6 mo. old), Maytag wringer washer, file cabinet, desk, chair, metal kit. cabinets & sink and items not listed. Lunch available.

Sale By:

ROBERT SHONK

Auctioneers:
C. H. WOLGEMUTH & H. SHAFFNER
PH: 665-5664

AUCTION SALE

INVENTORY OF SILOAM FARMS, INC.
HOG EQUIPMENT

Under and by virtue of Security Agreements executed on July 17, 1973, and on October 8, 1974, by Siloam Farms, Inc., and duly filled for foreclosure in No. 18,328 Chancery in the Circuit Court for Wicomico County, Maryland, the undersigned secured party will sell at public auction on the premises of Siloam Farms, Inc., on the North side of the Siloam Road, situate in Trappe Election district of Wicomico County, Maryland on

SATURDAY, JANUARY 28, 1978

Beginning at 10 o'clock a.m. E.S.T.

THE FOLLOWING PERSONAL PROPERTY:

80 Fairfield farrowing crates; 26 Star Kraft farrowing crates; 24 ft. double axle gooseneck stock trailer; 3010 John Deere tractor (gas); 1973 ¾ GMC pick-up; 2.5 ton Mix Mill auger wagon; 13 Star Craft 12 hole feeders; Grove farm wagon, 2 wheel; 1,500 gal. Better Built honey wagon; Massey Ferguson grader blade; Massey Ferguson rotary mower; John Deere pressure pump - 350 lbs.; Cado pressure pump - 300 lbs.; 40 Creep feeders; 12 Pride of the Farm automatic waters; 40 nipple waterers; 60 KW Buda generator - diesel power; 6 - 20,000 btu gas brooders; 50 - 15,000 btu gas brooders; 6 Mini-Gruel-O-Matic feeders; Agroter pressure pump, 800 lbs.; Lincoln welder; Victor actylene torch; 13 - 60,000 btu propane salamondes - Hoyte; Office trailer; 300 lbs. cap Detecto beam scale; submersible sludge pumps; 90,000 btu fuel oil fired portable space heater; 6 Big Dutchman 18 inch reversible fans; 4 Fairfield Aro-bo-jets; 1 250 gallon gasoline tank with hand pump; 2 Commander medication proportioners; John Deere 30 inch lawn mower; Pregnosticator; Hemoglobinometer; Sears calculators; AND MUCH, MUCH MORE.

There is a 150 ton Mix-Mill, located on the farm, with overhead storage - 5 large bins and 2 small bins plus elevator leg and also 7800 bushel grain storage tank that we are offering for sale **privately** prior to January 28, 1978. This unit will not be offered for sale at auction. The unit must be removed from the premises within 120 days for January 28, 1978. It is practically new and in excellent condition. Anyone interested, contact Peter E. Richardson.

TERMS OF SALE: Cash day of sale. Maryland sales tax will be paid on each purchase by purchaser, (2%), unless sales tax numbers are provided. No property is to be removed from the premises until paid for. Checks will be accepted from residents of Del-Mar-Va when drawn on local banks. All other checks must be accompanied by a letter of credit from the bank or letter of credit from the purchasers Federal Land Bank or Production Credit Association.

DIRECTIONS: Take U.S. Route 13 to Fruitland and watch for signs.

MARVA PRODUCTION CREDIT ASSOCIATION
540 Snow Hill Road
Salisbury, Maryland 21801
- Secured Party -

PETE RICHARDSON SALES
Pete Richardson Auctioneer & Sales Manager
835-2525 - Office
742-6220 - Home

WE DO THEM ALL LARGE OR SMALL
AND THE PRICE IS RIGHT.

Pennsylvania Duroc Breeders Assoc.

SHOW & SALE

SHOW - MONDAY, JAN. 9, 1978

10:00 A.M.

SALE - WED., JAN. 11, 1978

1:00 P.M.

To be held at the Harrisburg Farm Show Building, Harrisburg, Pa.

Judge - Paul Parrish, Ohio Duroc Breeder.
Auctioneer - Harry Bachman.

For Catalogs Write:

RICK PFAUTZ
RD 1
Stevens, PA 17578

DAIRY HERD & DAIRY EQUIPMENT

DISPERSAL SALE

MON., JAN. 2, 1978

STARTING AT 12 NOON

Located at Orrstown, Pa., Franklin County. 4 miles southwest of Shippensburg. Take orrstown Road off Route 11 in Shippensburg. Sale arrow posted.

25 HEAD OF REGISTERED
AND GRADE COWS
AND HEIFERS PLUS CALVES
12 Are Registered
17 Cows - 14 Holsteins,
2 Brown Swiss, 1 Red Holstein
5 recently fresh, 5 close springers.
Sired by A.B.S. & A.B.C.
Sires include Educator, Hector Ivanhoe Van, & Jerry
Butterfat test average for the
year is well above 4%
8 Heifers - 7 bred, 1 open
6 Holsteins - 1 Red Holstein - 1 Brown Swiss
2 Reg. Rocket daughters, full sisters
1 will be due by sale day.
1 Reg. Knob-Lick Kingpin, 1 Reg. Snowman, and 1 Reg Apollo Victor daughter 1 grade by Major Royal Design
Certified - Accredited - Pregnancy Checked

DAIRY EQUIPMENT

300 gal. round Mueller tank with twin fans on compressor; 80 gal. Agway water heater; Topline electric transfer station with 100 ft. hose; S.S. twin wash tubs. All above used 3½ years.

2 Universal milker pails and hangers; lots of milk cans; misc.

2-wheel farm trailer; hay forks and wooden pulleys; steelards; three 3-foots and stirrer; tape recorder with speakers for truck or car.

MARK E. GARMAN

(717) 532-6384 - Orrstown, Pa.

Terms - Cash
Lunch Stand
Arthur Rife - Auct.
Wickard - Clerk

Not Responsible For Accidents.

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS
SATURDAY, JANUARY 7, 1978

At 10:00 A.M.

Located: Going north follow Rt. 472 North from Rt. 1 to Spruce Grove Rd. turn West cross the reservoir twice turn right at stop sign then take the first paved road to the right. Schoolhouse Lane then turn left onto the dirt road, first farm on right.

Going South approx. 4 mi. S. of Quarryville off Rt. 472 West 1 mi. on Noble Rd. left to Ground Hog lodge through covered bridge turn left, first paved road, second place on left.

Cherry drop leaf table; farm table; library table; octagon table; 3 piece stack table set; sm. slant top desk; school desk; ladies desk; pine desk & chest; maple desk & chair; 3 ladder back chairs; childs desk; victorian chair; old chairs; rocker; lamps; bench; Oriental throw rugs; other rugs; 9 piece dining room suite; 2 piece living room suite; wicker living room suite; 2 wicker chairs; 2 coffee tables; sm. tables; stands; corner shelf; wicker vanity, oak book case; RCA color TV; RCA Victor record player; 3 piece maple bedroom suite, like new; 2 single maple beds; 2 matching beds; spool bed; metal bed; double bed; crib; trunk; cherry chest on chest of drawers; other chest of drawers; washstand; fireplace set; wooden magazine rack; doll house; lots of material; yarn; fox hunting picture; breakfast set; Kenmore washer & dryer; space oil heater; pots pans; dishes; some real good dishes; fan; jars; Ball mason caps; elec. heater; nic nac's; linens; filing cabinet; typewriter; wicker basket; bamboo porch furniture; 4 porch chairs; wooden skis; 2 wooden wheels; pump lathe; chain saw; Pa. model 2621 WC 3 gauge section mower; Hahn Eclipse riding mower; Case TCH 300 tractor; Case bush hog mower; 2 push mowers; wheel barrow; 2 wooden tool boxes, milk cans; paratrooper bicycle; sled; tools; sporting goods equipment; garden sprayer; motors; garage doors; windows; German locks; Copper tubing. More items to numerous to mention. Not responsible for accidents day of sale.

Refreshments

Sale by:

RODNEY, PAMELA AND SYLVIA CHARLESWORTH

Aucts. Lloyd H. Kreider
& Randal V. Kline

Public Sales Register

Twp , Lanc. Co Terms by John A. Hackman, Willard Hackman, D Elaine Grace. Atty Jay David Young. Horning Farm Agency, Inc Main Street, Morgantown Elton & Alvin Horning, Auctioneers 215-286-5183.

SAT FEB. 11 - 2 P.M. Public Sale of Valuable Real Estate located in Hatville 1½ mi E of Intercourse between Rt 340 & 772, Leacock Twp., Lanc Co , Pa. Two acres with 2½ story frame dwelling & 40x200 two story block & frame broiler house. Terms by Annie K. & Lloyd J. Stoltzfus Auctioneers Robert E. Martin - 717-656-7770 & Frank L. Steller - 717 656-8195. Attorney Wentz & Wentz.

WED FEB 15 - Snow Date Feb 22. Public Sale of Real Estate Located 1 mile East of Nickle Mines Store. A.B. Stottlemyer Sr., Estate Owners Ira Stoltzfus and Son and Jay Leary, Auctioneers

WED FEB 15 - Holstein Milking Herd Dispersal. Located in Fayettville Pa., Franklin Co. Reuben W Eberly, Owner Ralph W Horst, Marion, Pa , Auctioneer and Sale Manager.

WED. FEB 15 - Snow Date Feb 22. Public Sale of 76 acre farm. Located 1 mile East of Nickle Mines Store. A B. Stottlemyer Sr , Estate Owners. Ira Stoltzfus and Son and Jay Leary, Auctioneers.

THURS. FEB 16 - 9 30 A M Public Sale of Holstein Dairy Cattle, 5 Work Horses and Horse Drawn Machinery. Located in Centre Co , 3½ miles East of Aaronsburg, Pa turn South off Rt. 45 on Fielder Rd. Samuel Z. Speicker, Owner Mark Glick, Auctioneer.

FRI FEB 17 - 9:30 A.M Public Sale of Holstein Dairy Cows and complete line of Machinery. Located in Mifflin Co , 9 miles South of Lewistown, Pa. on Rt 103. Harold Carolus, Owner. Mark Glick, Auctioneer

FRI. FEB 17 - 10 A M Public Auction of Farm Equipment, Carriages, Horses, Ponies, and Household Goods Located on Bellmont Rd , ½ mile South of Intercourse, 1½ mile North of Rt 30 Sale by Elem R. Petersheim. Martin Auctioneers and Paul Snyder Auctioneers

SAT FEB 18 - 1 P M 3 Acre Farmette 8 yr old 2½ story frame house w/aluminum siding 2 story frame barn 24' x 36' w/stables, frame addition 24' x 34' Located ½ mile West of Bowmansville Jct of Maple Grove Rd & School Rd Brecknock Twp , Lanc Co Terms by Ervin S Martin & Esther S Martin Atty Dennis Ward Horning Farm Agency, Inc Main Street, Morgantown, Pa 19543 215 286 5183 Elton & Alvin Horning, Auct

SAT FEB 18 - 2 P M Public Sale of Real Estate Located on Wissler Rd , Voganville, Pa Sale by Fred C Zuercher Nevin Z Martin and Lewis B Groff, Auctioneers

SAT FEB 18 - 10 A M Public Sale of Tractors, Farm Equipment, Household Items and Feed Located in York Co 1 mile North of Dover, Pa , along Rt. 74, sale signs posted Sam Paul J Stare, Owner Clair Slaybaugh, Auctioneer

SAT FEB 18 - 1 P M Public Auction of Feeder Pigs, by Walter M. Horst. Located one mile South of Stouchsburg, Berks Co , Pa Auctioneers John E & Paul E Martin

MON FEB 20 - 10 A M Public Sale of Farm Machinery & Tools. Located adjacent to the Borough of Biglerville, Pa on Rt 34 (Gettysburg to Biglerville Rd.). Owners Fred & Betty Baker Auctioneer C David Redding.

MON FEB 20 - 10 A M Large Cleanout Public Sale Located in York Co., Pa 4 miles West of York on Rt. 30, then turn South onto Rt. 616, go 7 miles, farm is on the rear of Seven Valleys Elementary School Edwin E. Ziegler, Owner. Clair Slaybaugh, Auctioneer

MON. FEB. 20 - 9 30 A M Consignment Sale of Farm Equipment by Wenger's, Inc , South Race St , Myerstown, Pa. just off Route 501 and 422 in Myerstown

WED. FEB. 22 - Public Auction of Complete Line of Outstanding Farm Machinery located along Koser Road, RD 3 Lititz, Pa Take Route 501 North of Neffsville, Pa. ½ mile West of the Lancaster Airport Sale by August and Evelyn Suess Sale conducted by J Omar Landis Auction Service, J. Omar Landis and Jay M. Witman, Auctioneers.

THURS. FEB 23 - Horst's Machinery Sale at Marion, Pa Ralph Horst, Manager

FRI. FEB 24 - 12 P M 100 Head of Holstein Dairy Cows and Dairy Equipment Located 1 mile South of Churchtown, along Boot Jack Rd , Lancaster Co , Pa Sale by Samuel K Ringler Frank and Paul Snyder, Auctioneers

FRI FEB 24 - 1 P M Production Sale of Bred and Open Gilts and Boars Held at the Lebanon Fair Grounds Sale by Leon, Lawrence and Thomas Arnold Harry Bachman, Auctioneer.

FRI. FEB 24 - 9 30 A M Public Sale of full line of Good Machinery and Shop items Located in Mifflin Co , 8 miles West of McVeytown Pa , along Rt 22 Glenn L Oppel Owner Mark Glick, Auctioneer

SAT FEB 25 - 10 A M Public Sale of Farm Equipment, Household Goods Located 1 mile South of Churchtown, along Boot Jack Rd , Lancaster Co , Pa. Sale by Samuel K Ringler Frank and Paul Snyder, Auctioneers

SAT FEB 25 - Simon & Noah Martin Annual Spring Sale of Livestock, Implements and other Personal Property Located along the road leading from Reamstown to Hahnstown H H Leid Auction Service

SAT FEB. 25 - 1 P.M. Public Sale of Valuable Real Estate Located at corner of Rt 272 and South 9th St (Old Akron Rd.), West Earl Twp , Pa. Terms by Harry M Landis Estate T Glenn Horst, Auctioneer

SAT. FEB 25 - 10 A.M. Public Sale of full line of Farm Machinery, 2 Int. Diesel Tractors, Dairy Equipment & Ear Corn Located in Cochranville, Pa Terms by Irene Summers Auctioneer Steve Petersheim. 215-869-2508

TUES FEB 28 - 10 A M. Public Sale of Farm Machinery, Heifers, Horses and a few Household Goods located in Strasburg, along Rt 741, Lancaster Co., Pa., watch for sale signs Terms by Daniel S Esh, LeRoy Zook and Leon Kurtz, Auctioneers

MARCH

WED MAR 1 - Complete Dairy Dispersal of Dairy Herd, Milking Equipment, Feed Preparation Equipment, etc Located at the Lin-Dell Farms 1 mile North of Lemasters, Franklin Co , Pa. Sale by J. Lin and Blanch M. Huber Edger Stull and J Robert Myers, Auctioneers

THURS. MAR 2 - 9 30 A M. Public Sale of Farm Machinery, Horses and New Tools for Menno Beiler Located between Gap and Strasburg along the Belmont Rd , 1 mile South of Rt 741, Lancaster Co , Pa Terms by Christ S Beiler Leroy Zook and Leon Kurtz, Auctioneers.

FRI. MAR. 3 - Public Sale of Complete Line of Farm Equipment and Hay, Straw and Corn. Sale by Clair M Hershey, Nottingham, RD 1, Pa Auctioneers Everett Kreider and Carl Diller.

FRI. MAR. 3 - Public Sale of Farm Machinery. Located 3 miles South of New Holland along Peters Rd. Sale by M. Dale Herr, Frank and Paul Snyder, Auctioneers

FRI MARCH 3 - K & D Farms Equipment Dispersal Willow Hill, Pa., Franklin Co Ralph W. Horst, Marion, Pa. Auctioneer and Manager.

FRI MARCH 3 - 9.30 A M. Annual Public Sale of Farm Machinery. Located at the Belleville Livestock Market, Belleville, Pa Glick, Gibboney and Gilligan, Auctioneers

SAT MAR. 4 - 9 A.M Annual Bart Twp. Fire Co Sale Located in Georgetown, Bart, Pa

SAT. MAR 4 - 9.30 A M. Public Sale of Full Line of Farm Equipment and Tools. Located along Rt 54, 4 miles East of Danville, Northumberland Co , Pa. Walter R Newswanger Estate. Nevin Z. Martin and Lewis B. Groff, Auctioneers.

SAT. MAR 4 - Public Sale of Household Goods, Antiques, Full Line of Farm Equipment, Hay & Corn. Located on Wissler Rd between Groffdale & Vogansville. Turn off Rt. 23 on N. Groffdale Rd. onto Wissler Rd Terms by: Samuel M. Augsburger Auctioneers Robert E. Martin - 717-656-7770 & Frank L Steller - 717-656-8195.

SAT. MARCH 4 - Sale of Farm Equipment and Household Goods Located in Shippensburg, Pa. Sale by William Brechbiel Ralph W. Horst, Auctioneer.

SAT. MARCH 4 - 10 A M. 2 Int. Diesel Tractors and full line of Farm Machinery, Ear Corn and Household Goods. Located in Berrysburg, Dauphin Co., Pa. Terms by Paul and Mary Hockenberry. Auctioneer Steve Petersheim 215-869-2508.

SAT MARCH 4 - 9:30 A M. Public Sale of good line of Machinery and some Household Goods. Located in Clinton Co , 3 miles West of Mill Hall, Pa. on the Jacksonville Rd. Ernest W. Strouse, Owner Mark Glick, Auctioneer

MON. MAR. 6 - 11 A M Public Sale of Farm Equipment and Household Goods. Located 5 miles East of Elizabethtown along Sunny Burn Rd. Sale by Raymond Miller. Auctioneers Rufus Geib and Raymond Miller.

MON. MAR. 6 - Public Sale of Farm Equipment. Located 2 miles North of Leola on North Brethren Church Rd. Sale by Phares W. Hurst. John E. and Paul E. Martin, Auctioneers.

WED. MAR. 8 - Complete Equipment Dispersal of Full Line of Equipment, Tools and Supplies to farm 350 acres successfully. Located at the Lin-Dell Farms 1 mile North of Lemasters, Franklin Co., Pa. Sale by J. Lin and Blanch M. Huber. Edger Stull and J. Robert Myers, Auctioneers.

THURS. MARCH 9 - Holstein Heifer and Farm Equipment Dispersal Located in Fayettville, Pa. Franklin Co. Reuben E. Eberly, Owner. Ralph W. Horst, Auctioneer and Sale Manager.

ESTATE SALE

FRONT END LOADER
TRAILER - TRUCK
CAR - TOOLS

The undersigned personal representative will sell the following personal property of the late Lee Lajoie, located at 7349 Tred Avon Road, off Oliver Beach Road (take Eastern Avenue - MD RT 150 east of Ebenezer Road to Oliver Beach Road), Baltimore County, Maryland. On

SAT., JAN. 7, 1978
AT 10:30 AM

CRAWLER & TRAILER

1968 John Deere Model 350 front-end loader - 4 cylinder diesel w/torque converter - forward & reverse - w/hydraulic 4 & 1 drott bucket; 18' 9 ton - 3 axle lowboy w/penal hitch; 16' single axle trailer; 25' mobile home trailer - good for camping; 25' storage or truck van body.

CARS & TRUCK

1972 Pontiac Safari station-wagon w/air - completely equipped; 1964 1½ ton Chevrolet flat-bed truck - 6 cylinder; 1951 Jeep pick-up - 4 wheel drive w/snow blade - hydraulic electric lift; mail truck body.

TOOLS & EQUIPMENT

2 hp 200 PSI piston air compressor w/tank & hose; Wards 230 amp welder w/leads & mask; new Bryant 75,000 BTU hot air furnace - propane operated (bottle gas); Red Hot Model 70L portable heater - approx. 75,000 BTU w/blower; work bench w/6" vice & ¼ steel top; bench grinder; Snapper 8 hp riding lawn mower; GL 90 lube barrel & pump; 120 amp battery charger; Yale 1 ton chain saw; large hand pump lube greaser; 2 aluminum hand carts; 16' aluminum ladder; 5 ton floor jack; 200 gal oil tank; Signature space oil heater; large wood space heater; 2 rolls chicken wire; 4 drawer file cabinet; metal desk w/typewriter storage; impact wrench; Wisconsin engine parts; Red Seal 4 cylinder Continental engine; hydraulic fittings; jack stands; bins; assorted bolts & screws; single pony sulky cart; 3 rolls chain link fence; roll of snow fence; wire & heavy metal slinks; truck & pick-up tires; shovels; rakes; hammers; bridle & harness; large assortment of box end & open wrenches - pliers - screwdrivers; 20 wrenches - open box end of 1" to 1 13/16th"; tool boxes; chest on chest tool box; 15 boxes of welding rod - assorted; complete set of ½" drives - sockets - breakers - ratchets - etc.; many other items.

Personal Rep.
JANETTE ROUTH

Auctioneer
William H. Amoss
Complete Auction & Appraisal Service
2037 Pleasantville Road
Fallston Maryland 21047
Phone 877-7005, 838-3000

GAP AUCTION

FRI. EVE., JANUARY 6, 1978
5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION.

Mahogany dining room suite w/china closet, corner cupboard, table, 6 chairs; waterfall bedroom suite; dressers; nice sofa-bed; crib; refrigerators; gas refrigerator; 24" electric range; Edison electric sewing machine, floor model; oak bed; oak dresser; oak stand; clothes trees; wash stand; rockers; living room suite; nice dishes & glassware; much, much more.

Inspection Friday from 9:00 A.M. until sale time.
CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. TO 7:00 P.M.
OTHER DAYS BY APPOINTMENT
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CONDUCTORS ALL TYPES PUBLIC SALES

CONSIGNMENT SALE

WED. JAN. 4, 1978
At 9:30 A.M.

Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for sale sign.

Tractors, Farm Machinery, Horse Drawn Implements, New Tools & Hardware. Positively no Household Goods.

Sale By:
DAVID H. GOOD
717-656-8911

Truck load citrus fruit direct from Florida; Fish, oysters & shrimp.

We sell on Commission.

Hay & Straw Every Wednesday.
At 12:00 Noon by Harvey Z. Martin.

Auctioneers: F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst
NOT RESPONSIBLE FOR ACCIDENTS
Next Sale Wed., Jan 18, 1978

BROOKS END & PAR-KAY FARM

FORTY FIFTH SALE

1978 BONUS OFFERING
FRIDAY, JANUARY 13 - 1 P.M.
At the Farm
Beavertown, Pa.

MORE THAN 200 HEAD OF IRISH and other Foreign Bloodlines on this sale

YORKSHIRE — LANDRACE

Born and Raised on OUR FARMS from our Parent imported stock.

68 Bred gilts
All carry Irish Litters
44 YORKSHIRE
24 LANDRACE

55 BOARS

16 Yorkshire - 100% IRISH Blood
17 Yorkshire - 50% IRISH Blood
17 Landrace - all 100% IRISH or other Foreign Blood.

110 Commercial Open Gilts
Mostly Irish Blood

Scan-O-Probe Loin Eye and Back fat figures.

Production tested - Certified meat proven and Show Ring Champion Stock certified Brucelosis Free and Pseudorabies Negative test. Health charts sale day for entry to any state.

Owners
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& MARK STEHR
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717-658-7304
717-658-6544 (Park)
or 717-657-6702
717-658-7007 (Mark)

Auctioneer
Dan Baker
Lafayette, Ind.
Catalogues Available

Public Sales Register

THURS MARCH 9 - 10 A M Public Sale of Livestock and good line of Machinery. Located in Snyder Co , 6 miles NE of Middleburg, Pa Mr & Mrs. Mervin Royer, Owners Mark Glick, Auctioneer.

FRI MAR 10 - 10.30 A.M Public Sale of Registered Holstein Heifers and Farm Equipment, Hay, Straw and Corn Located between Mt. Joy and Marietta, along Long Lane. Sale by Thomas Wivell Auctioneers Raymond Miller and Rufus Geib.

SAT MAR 11 - 10 A.M Public Sale of Farm Machinery located 3 miles South of Oxford at Chrome, turn East on Greenhouse Road, 1 mile Sale by Scheffler Bros. Lloyd H Kreider and Randal V Kline, Auctioneers.

SAT MARCH 11 - Farm Equipment Dispersal for John Zimmerweaver. Located near Williams Grove, Cumberland Co Ralph W. Horst, Auctioneer

SAT MARCH 11 - 9:30 A.M. Public Sale of Dairy Cattle and full line of Machinery. Located in Centre Co., 1½ mile South of Millheim, Pa Mr. & Mrs. William S. McCool, Owners. Mark Glick, Auctioneer

MON MAR. 13 - 12:30 P.M Public Auction of Dairy Cattle Dairy Equipment & 36 Comfort Stanchions, by Lester T Good Located 2 miles N W of Ephrata. Auctioneers John E. & Paul E. Martin

WED MARCH 15 - Bruce Cohick Dispersal of Holstein Heifers and Farm Equipment Located between Shippensburg and Newville, Pa along Rt. 533. Ralph W. Horst, Auctioneer and Manager

WED. MARCH 15 - Special Easter Lamb and Goat Sale Held at the Belleville Livestock Market, Belleville, Pa Mark Glick, Auctioneer

THURS MARCH 16 - 9 A M Annual Spring Sale at the Mel Stoltzfus Farm, located in Centre Co., ½ mile West of Rebersburg, Pa. Mel Stoltzfus, Owner Glick, Gibboney and Snyder, Auctioneers

SAT. MAR. 18 - 1 P.M. Sale of Bred and Open Gilts and Boars Sale by PA Yorkshire Club. Abe Diffenbach, Auctioneer.

SAT. MAR. 18 - 10 A.M. Public Sale - Farm Equipment, Household Goods & Antiques. Located along Rancks Rd., 3 miles Southeast of New Holland near Rancks Church Sale by Emma & Harry H Martin Auctioneers Lester O Weaver & Barry D Wenger

SAT MAR. 18 - 9 A.M Cohocton, (Steuben County), New York Huge Machinery Consignment Auction of All Farmer Owned Equipment 400-500 lots of all big implements, tractors, etc ! A good clean sale! Sale by James and Victor Pirrung, Wayland, N Y 716-728-2520. Gerald Pirrung Ulysses, Pa 814-848-7401 Robert Shaylor. Troy, Pa 717-297-3278 Terry Wilkins Cohocton, N Y 716-384-5404

SAT. MARCH 18 - Saxby Implement Corp Annual Sale of Farm Equipment. Located near Mendon, N Y Ralph W Horst and Blaine Rentzel, Auctioneers

SAT MARCH 18 - 10 A M Public Sale of full line of Farm Machinery, Dairy Equipment, Ear Corn, Household Goods and Good Antiques. Located in White Horse, Pa Terms by Leroy and Aary Glick Auctioneer Steve Petersheim 215-869-2508

SAT. MARCH 18 - Public Sale of Farm Implements and Reg Holstein dairy herd Located app 7 miles South of Reading, 1 mile East of the Village of Alleghenyville, just off Rt. 568 Sale by Floyd Webber Carl Diller Pedigrees, LeRoy S Horst and Paul W. Horst, Auctioneers

SAT MARCH 18 - 10 A M Public Sale of full line of Farm Machinery. Located in Mifflin Co., 2½ miles NE of Reedsville, Pa. Mrs. George W Elder, Owner Mark Snyder, Auctioneer

MON MAR 20 - Public Auction of New and Used Farm Equipment and Tractors by M M Weaver & Sons, Inc , Groffdale Road, Leola, Pa. John E. and Paul E Martin, Auctioneers

WED MARCH 22 - THURS MARCH 23 - Large Two Day Sale of Tractors and Farm Equipment at Marion, Pa Ralph W Horst, Manager.

THURS MAR. 23 - 10:30 A M Public Sale of Outstanding Line of Farm Machinery and Household Goods located 2 miles Northwest of Manheim along Earhart Road. Sale by Arthur D and Mary Kathryn Wenger, Manheim RD 6 Pa Sale conducted by J Omar Landis Auction Service, J Omar Landis and Jay Witman, Auctioneers

THURS MAR 23 - 5:30 P M Kempton Community Sale, North Berks Co Household Goods and Antiques, 12 Auctioneers

FRI. MAR 24 - 12 Noon Kempton Community Sale of Household Goods and Antiques, North Berks Co 12 Auctioneers

SAT MAR 25 - 9 A M Annual Tri-County Quilt Sale at the Farm Show Building, Harrisburg, Pa.

SAT MAR 25 - 9 A M. Kempton Community Sale of Small Items, Lawn and Garden Equipment, Farm Equipment, 4 00 P.M. Sewing Material, etc North Berks Co 12 Auctioneers.

SAT. MARCH 25 - Dana lle Sale of Farm Equipment, etc Located near Newburg, Pa Ralph W. Horst, Auctioneer.

SAT MARCH 25 - 9.30 A M Second Annual Gap Fire Company Sale. Located at Gap Fire Hall, Gap, Pa We sell on commission.

WED MAR 29 - 6 P.M Kempton Community Sale of Cars & Trucks, all Tractors, sale held inside, North Berks Co 12 Auctioneers

APRIL

SAT. APR. 1 - Public Sale of Real Estate, Household Goods & Antiques. Located 2 miles N W. of Ephrata in Mt Airy By Lydia W Eberly Auctioneers John E & Paul E Martin

SAT. APRIL 1 - 9:30 A M Large Inventory Reduction Sale of Approximately 75 farm tractors, 150 pieces farm machinery, 35 industrial tractors and equipment Terms by Marshall Machinery, RD#4, Honesdale, Pa

SAT APR 8 - Public Auction of Household Goods & Tools Located one mile West of Brickerville along Rt. 322 By Vera W Martin Auctioneers John E. & Paul E Martin

SAT APR 22 - MICHAELIS RANCH PRODUCTION SALE, at the ranch, Kyle, Texas Sale managed by Buzz Garey.

SAT APRIL 29 - 12TH COLONIAL CHAROLAIS SPRING SALE, at the Farmers Livestock Exchange, Boonsboro, Maryland. Sale sponsored by the Colonial Charolias Association and managed by Buzz Garey

MAY

SAT MAY 6 - BRATTON CHAROLAIS FARM 1ST PRODUCTION SALE, at the farm, McVeytown, Pennsylvania Sale managed by Buzz Garey

SAT MAY 13 - SPAIN RANCH POLLED PRODUCTION SALE, at the ranch, Richards, Missouri Sale managed by Buzz Garey

SAT MAY 27 - THE BREEDER'S SALE hosted by Riverwood Farms, Powell, Ohio Sale managed by Buzz Garey

JUNE

SAT , JUNE 10 - REYNOLDS 5R RANCH DISPERSAL SALE, at the ranch, Allen, Texas Sale managed by Buzz Garey

SAT JUNE 17 - 7TH COLONIAL INVITATIONAL Host farm and location to be announced Sale sponsored by the Colonial Charolais Association Sale managed by Buzz Garey

SEPTEMBER

SAT SEPT 16 - 7TH NATIONAL CHAROLAIS POLLED SALE Host farm and location to be announced Sale managed by Buzz Garey

OCTOBER

FRI OCT 6 - 13TH EASTERN NATIONAL CHAROLAIS SALE Maryland State Fairgrounds, Timonium, Maryland Sale sponsored by the Colonial Charolais Association Sale managed by Buzz Garey.

Auctioneer's Directory

CONSIGNMENT SALE

MON. FEB. 20, 1978

9:30 A.M.

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Horse Auction
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1 P.M.

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FARM SHOW AND SALE

Landrace, the Great White Breed

SHOW MONDAY, JANUARY 9, 1978
3:30 P.M.
SALE TUESDAY, JANUARY 10, 1978
10:00 A.M.
At the Harrisburg Farm Show Building in the small arena, Harrisburg, PA.

28 BRED GILTS

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Purina Golden Bulky has long been a favorite of profit-minded dairymen because this bulky, nutritious feed can be used so many different ways to help increase milk production and add income to dairy operations throughout America.

Golden Bulky was first fed to cows and heifers in the early 1900's. Since its introduction, Purina Dairy scientists have made many improvements which have added to its versatility and milk-making qualities.

It is a bulky, nutritious, easy-to-feed 10% protein ration containing molasses. Cows really love its sweet, succulent flavor! It is a versatile ration, which fits well into feeding programs for milk cows, heifers or dry cows. With its fortification of minerals and Vitamins A and D it makes an excellent supplement in roughage programs with hay, pastures or corn silage.

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GOLDEN BULKY HAS MANY USES

- Top Feed 2 gallons per day to stretch hay supply 2 gal. = 6 lbs. of Hay
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- Mix 50-50 with grain for dry cow and heifer ration.
- Replaces molasses in home mix rations.
- Very palatable for use with Show cows, Cows in Transit, sick cows.

BECAUSE PURINA GOLDEN BULKY IS VERY PALATABLE YOU CAN TOP FEED IT TO YOUR HIGH PRODUCING COWS AND HELP THEM PRODUCE EVEN MORE MILK

STRETCH YOUR HAY AND SAVE $$$$

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